

ME18



mosmatic 

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MASTER CATALOGUE

CAR WASH | HIGH PRESSURE CLEANING | ROTARY UNIONS



SN EN ISO 9001:2008 Certificate

FOREWORD

We are proud to present the new Mosmatic customer catalogue. For your convenience we have combined our three divisions into one informative book. Car wash, high pressure cleaning and our high-precision swivel/rotary union lines can now be found in one catalogue. Mosmatic products are a brand of quality, reliability and performance that customers have come to expect as well as value in their daily applications.

It is our aim to continually provide you with products of highest quality at all stages: design, production and handling. Mosmatic produces high-precision components and accessories that cross a multitude of product applications and industries. Our focus is to produce efficient and reliable products that exceed customer expectations and industry standards.

To ensure our promise to quality we design, develop and manufacture all our products to ISO 9001:2008 standards.

Many of our products are within this catalogue or online at www.mosmatic.com. Please take the time to sign up for our newsletter and facebook page to receive the latest product updates and specials.

This catalogue was produced with attention to details to provide you valuable product information. However, as we continue to develop and design products there may be the possibility of printing or typing errors.

All data and measurements are without guarantees. We reserve the right to make technical modifications at any time without prior notification.

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Any Questions or concerns? Please do not hesitate to contact the Mosmatic team.

ABOUT US

Mosmatic AG is a family owned and operated business that was founded in 1978. Our company name is put together of the first location of manufacture, a town named Mosnang, and the word automatic. (Mosnang Automatic = Mosmatic). After a few years of operation and growth our headquarters moved to a new and larger facility in Necker where we are still located today.

Mosmatic AG is a manufacturer based in Switzerland. For more than 35 years we successfully supply quality products for carwash industry, rotary unions and high pressure industries. At the place of the business we manufacture the entire range of our products and also handle a big part of the distribution of our global network.

Mosmatic is proud to process premium materials by using the latest technology machinery to produce high quality components and products. We market ready-made products for reselling and also offer customized solutions in state-of-the-art design. Reliability and the positive experience of using our products are due to continued improvements towards design, efficiency and durability.

Patrick Rieben (Managing Director):
"For us Quality is not just a slogan, but the bench mark for our efforts, priorities and goals."

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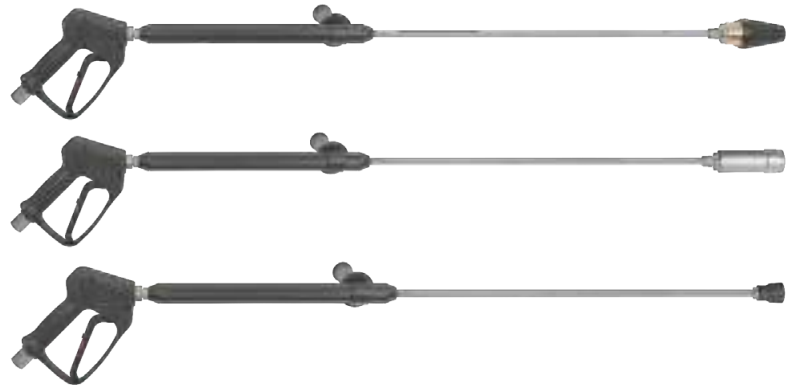
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Allrounder FL-AEB 200 **Page 34**



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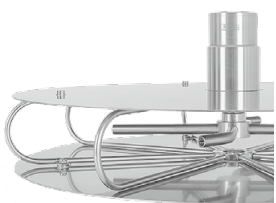


3/4" + 1" WDEI - Swivel **Page 70**



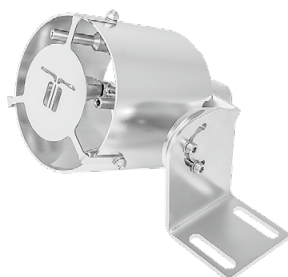
1/2"M to 1/2"F DGVl Swivel **Page 60**

UPGRADES



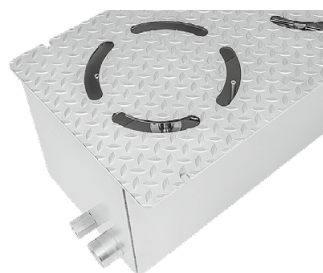
New: With stainless steel clips

Manhole Cleaner **Page 47**



New: Can be mounted on both sides

Wheelblaster Compact **Page 27**



New: With pipe connection and self-cleaning

Undercarriage Cleaner Stationary **Page 29**



New: Improved flex mechanism

Flex-Brush Lance **Page 25**

Our goal:

To provide products that have appearance and performance alike, offering value to you and your customer.

CAR WASH

Self-Service Car Wash

As the inventor of the Z-Ceiling booms, Mosmatic's innovations have helped to develop the most diverse line of ceiling and wall booms available today. Uniform appearance of the complete line along with their unsurpassed durability and ease of operation have made us the top choice and go to company for industrial and business professionals alike. Mosmatic's focus has always been to design, build and sell only the best products on the market.



Automatic Car and Tunnel Washes

OEM's, service technicians and business owners know they can trust and rely on the quality of Mosmatic products. Designed to handle, and withstand the harsh wash environment, our products have proven they can and will perform to the highest standards. From concept, design and system upgrades let us be the number one source for you.



Commercial Vehicle Wash

Industrial, performance grade solutions for the most demanding washes. From wheel washers, to undercarriage and those odd long distance hard to reach areas Mosmatic offer solutions to accommodate your needs. From smaller low volume applications to much larger high volume washes, our components selection is sure to have something to fit your needs.



Accessories

Marketing and name brands, combined with reliable quality products, show your customers that you are not only a provider but a partner in the industry.



- ✓ 360° smooth rotation, rated to 275 bar
- ✓ Multiple booms with center rotation points
- ✓ Tension relief and hose guard protection
- ✓ Polished stainless steel (INOX)
- ✓ Clean and classic appearance

The ideal solution for self-service car washes. The unique shape of Mosmatic Z-boom allows the installation of multiple ceiling booms in a wash bay. This makes it possible to add additional services such as foam applications and Air Drying to a confined space and increases your profits.



DKZ

Part No.	L	A	B	C	D	Weight
65.003	1450	4300	850	1400	700	9.6kg
65.013	1550	4600	900	1500	750	9.9kg
65.023	1650	4900	950	1600	800	10.2kg
65.033	1750	5200	1000	1700	850	10.5kg

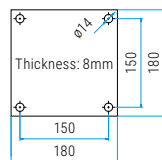
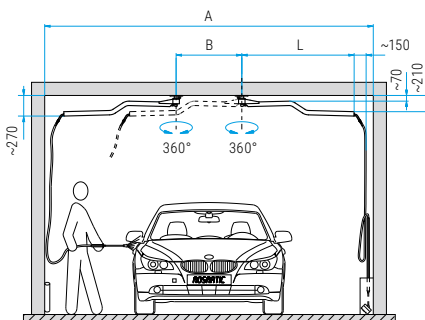
Part No. includes one ceiling boom.



DKZF (with flex-arm)

Part No.	L	A	B	C	D	Weight
65.005	1450	4300	850	1400	700	10.2kg
65.015	1550	4600	900	1500	750	10.4kg
65.025	1650	4900	950	1600	800	10.5kg
65.035	1750	5200	1000	1700	850	11.4kg

Part No. includes one ceiling boom.



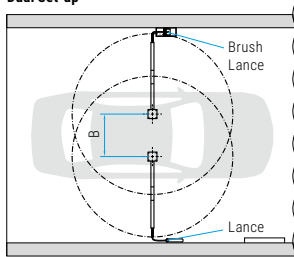
Bearable load for each bore at least 30'000 N (for example M12 bolt)

TECHNICAL DATA

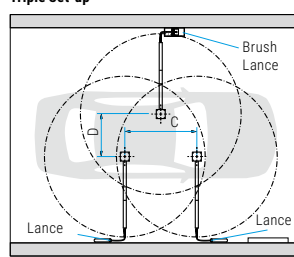
Pressure	275 bar (27.5 MPa)
Temperature	120°C
Inlet (top & side)	G1/4" F (other options available)
Outlet	G1/4" M (other options available)
Throughput medium	water, oil, air at pH 3-12

environmentally friendly products

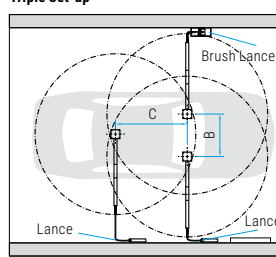
Dual Set-up



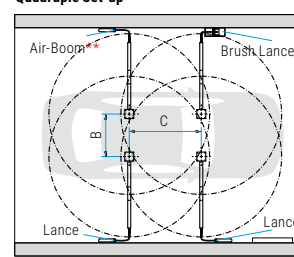
Triple Set-up*



Triple Set-up



Quadruple Set-up



* not suitable for mounting bracket 65.903

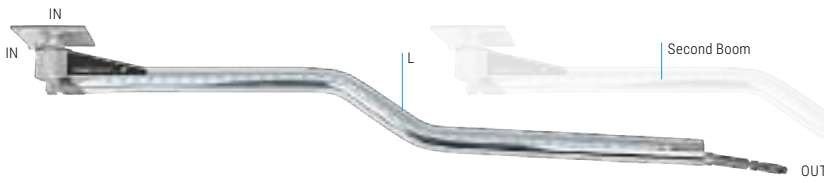
** in conjunction with air boom DKZ booms must be extended with part no. 902.753.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Modern visual effects
- ✓ Visualisation of the wash cycles
- ✓ Additional lighting for the wash bay
- ✓ Stand out above competition

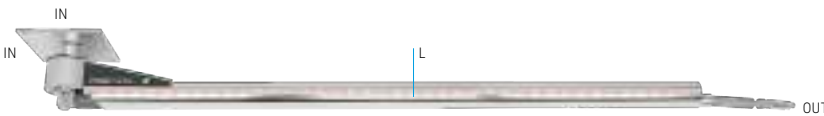
The worlds first for the self-service car wash. The LED Boom can be synchronized with your wash cycle to visualize your wash program. The LED ceiling boom is not only an eye-catcher for self-service car washes, but also provides additional lighting for the bay adding safety for your clients. This product should be installed by a certified electrician.



DKZbl (without Control Box)

Part No.	L	A	B	Weight
65.203	1450	4300	850	9.8 kg
65.213	1550	4600	900	10.1 kg
65.223	1650	4900	950	10.4 kg
65.233	1750	5200	1000	10.7 kg

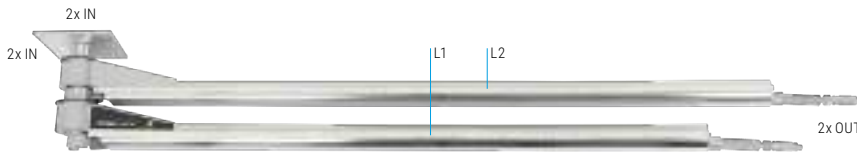
Part No. includes one ceiling boom.



DKPbl (without Control Box)

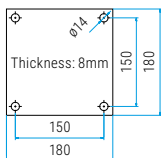
Part No.	L	Weight
66.203	1450	9.6kg
66.213	1600	9.9kg
66.223	1750	10.2kg
66.233	1900	10.5kg
66.243	2050	10.8kg

Part No.	L	Weight
66.253	2250	11.1kg
66.263	2500	11.4kg
66.273	2750	11.7kg
66.283	3000	12.0kg



DDPbl (without Control Box)

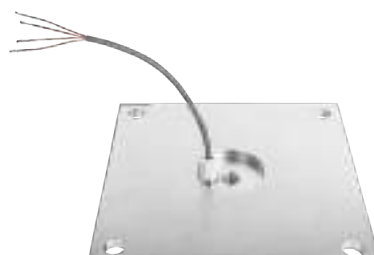
Part No.	L1	L2	Weight
67.603	1450	1600	18.6kg
67.613	1600	1750	18.9kg
67.623	1750	1900	19.2kg
67.633	1900	2050	19.5kg
67.643	2050	2250	19.8kg
67.653	2250	2500	21.1kg



Bearable load for each bore at least 30'000 N (for example M12 bolt)

Energy ring connection

Color	Voltage	Feature
Black	positiv (+)	Power supply
Red	negativ (-)	controls red signal
Orange	negativ (-)	controls green signal
Brown	negativ (-)	controls blue signal



LED-Control Box

Part No.	Includes
65.975	Controller, power supply, remote control, receiver with housing, for maximum 2x booms

TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
Inlet (top & side)	G1/4" F (other options available)
Outlet	G1/4" M (other options available)
Operating voltage	24V
Light intensity	120 lx
Amount	30 x LED/m
IP Code	IP66
Throughput medium	water, oil, air at pH 3-12

environmentally friendly products

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ 360° smooth rotation, rated to 275 bar
- ✓ Sealed bearing design
- ✓ Multiple industrial application
- ✓ High flow versions available

The classic straight ceiling boom has uses in many industrial fields. A few examples are car wash, food processing, mining and manufacturing. A real all-around product with versatile applications anywhere liquids, air or gas are used.



DKP

Part No.	L	Weight
66.003	1450	9.6kg
66.013	1600	9.9kg
66.023	1750	10.2kg
66.033	1900	10.5kg
66.043	2050	10.8kg

Part No.	L	Weight
66.053	2250	11.1kg
66.063	2500	11.4kg
66.073	2750	11.7kg
66.083	3000	12.0kg
66.093	5800	18.0kg



DKF (with flex-arm)

Part No.	L	Weight
66.503	1450	10.2kg
66.513	1600	10.5kg
66.523	1750	10.6kg
66.533	1900	11.7kg
66.543	2050	11.5kg

Part No.	L	Weight
66.553	2250	12.0kg
66.563	2500	12.3kg
66.573	2750	12.9kg
66.583	3000	13.7kg



DP2 (two separate mediums in one ceiling boom)

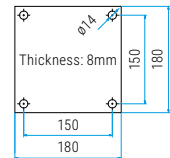
Part No.	L	Weight
66.451	1450	10.7kg
66.452	1600	11.1kg
66.453	1750	11.5kg
66.454	1900	11.9kg
66.455	2050	12.3kg

Part No.	L	Weight
66.456	2250	12.7kg
66.457	2500	13.1kg
66.458	2750	13.5kg
66.459	3000	13.9kg

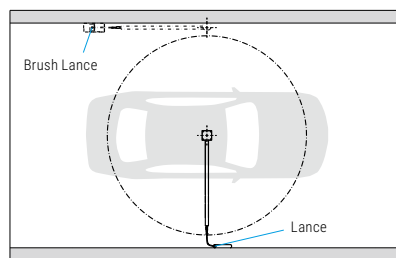
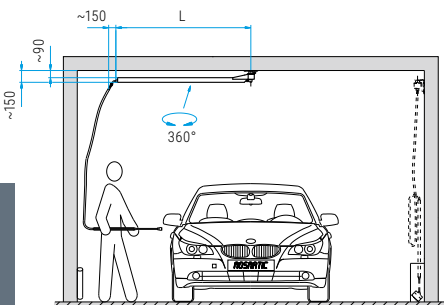


DKR (hexagon shape)

Part No.	L	Weight
62.041	1450	10.0kg
62.021	1600	10.4kg
62.001	1750	10.8kg



Bearable load for each bore at least 30'000 N (for example M12 bolt)



TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
Inlet (top & side)	G1/4" F (other options available)
Outlet	G1/4" M (other options available)
Throughput medium	water, oil, air at pH 3-12

 environmentally friendly products

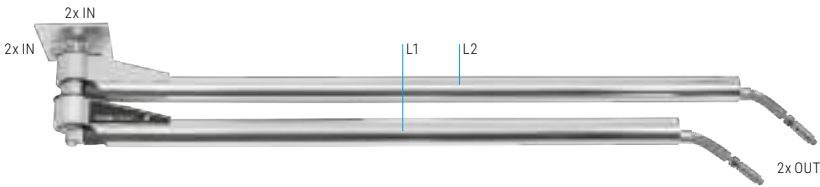
Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

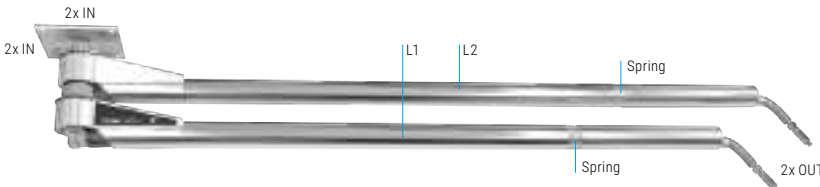
DUAL CEILING BOOM

- ✓ A classic for the prep station
- ✓ Delivered ready for installation
- ✓ 2x 360° booms on one stem

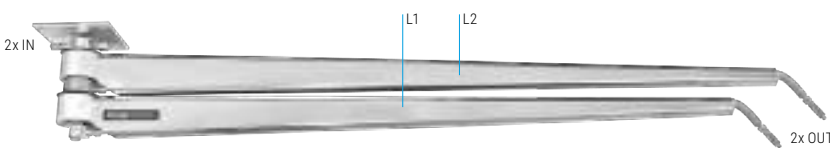
The dual ceiling boom is most efficient when installed in the pre-wash section of a tunnel wash or outside a self-service car wash for caravans. This is the area where they are most frequently used. If used in a self-service car wash, we recommend to connect the brush lance to the upper boom and the high pressure lance to the lower boom.



When using high and low pressure, we recommend to connect the low pressure to the upper boom.



When using high and low pressure, we recommend to connect the low pressure to the upper boom.



When using high and low pressure, we recommend to connect the low pressure to the upper boom.

DDP

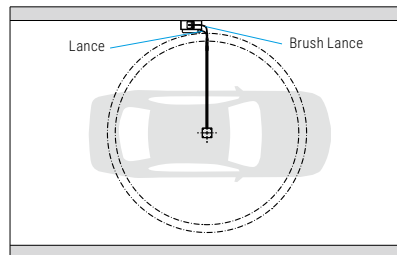
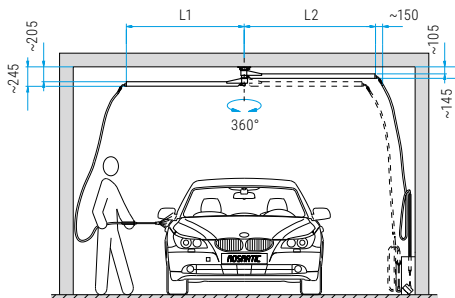
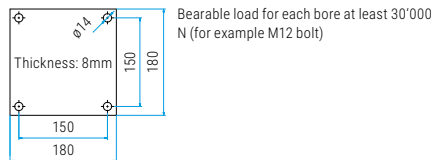
Part No.	L1	L2	Weight
67.403	1450	1600	18.6kg
67.413	1600	1750	18.9kg
67.423	1750	1900	19.2kg
67.433	1900	2050	19.5kg
67.443	2050	2250	19.8kg
67.453	2250	2500	21.1kg

DDF (with flex-arm)

Part No.	L1	L2	Weight
63.403	1450	1600	18.9kg
63.413	1600	1750	18.8kg
63.423	1750	1900	19.3kg
63.433	1900	2050	20.5kg
63.443	2050	2250	22.3kg
63.453	2250	2500	23.5kg

DDK (hexagon shape, HP-hose)

Part No.	L1	L2	Weight
64.021	1450	1600	19.2kg
64.001	1600	1750	19.5kg



TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
Inlet (top & side)	G1/4" F (other options available)
Outlet	G1/4" M (other options available)
Throughput medium	water, oil, air at pH 3-12

 environmentally friendly products

Legend

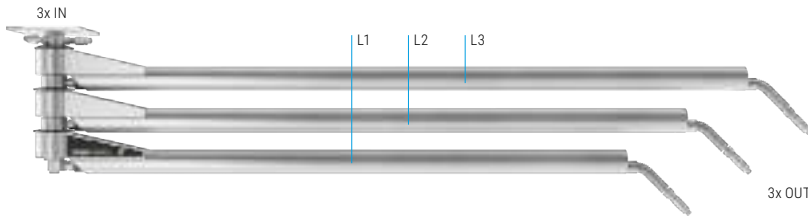
M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

TRIPLE CEILING BOOM



- ✓ 3x 360° booms on one stem
- ✓ Ideal solution when space is limited
- ✓ Solid construction

The triple ceiling boom works great for your prep area or in a confined space.
For use with water, oil or air.

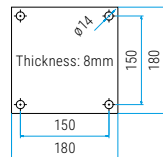


When using high and low pressure, use upper booms for low pressure.

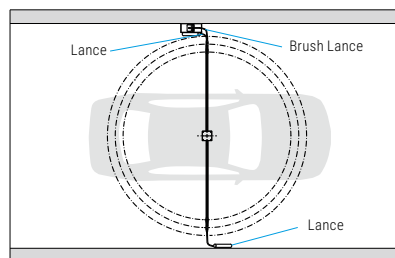
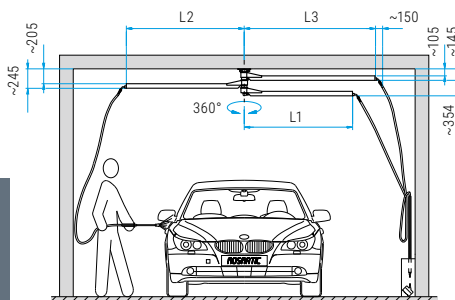
DP3

Part No.	L1	L2	L3	Weight
69.402	1200	1450	1600	28.6kg
69.412	1450	1600	1750	28.9kg
69.422	1600	1750	1900	29.2kg
69.432	1750	1900	2050	29.5kg
69.442	1850	2050	2250	29.8kg
69.452	2000	2250	2500	30.1kg

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Bearable load for each bore at least 30'000 N (for example M12 bolt)



TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
Inlet (top & side)	G1/4" F (other options available)
Outlet	G1/4" M (other options available)
Throughput medium	water, oil, air at pH 3-12

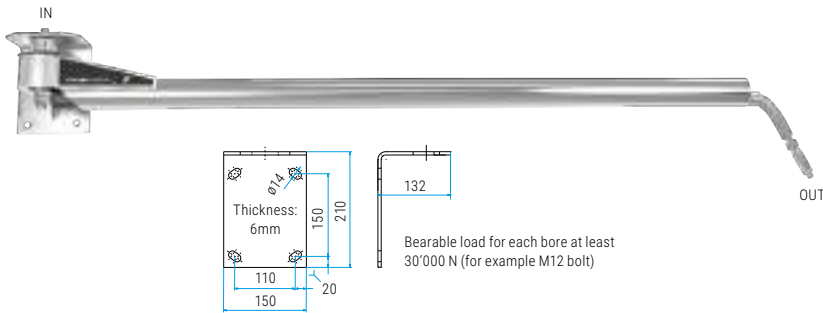
environmentally friendly products

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ 180° smooth rotation
- ✓ Insulated HP-hose
- ✓ Multiple industry application

Wall-mounted booms are ideal for outdoor areas or in wash bays where ceiling mounts are not an option. The wall bracket is designed for the boom to return to the resting position you selected.

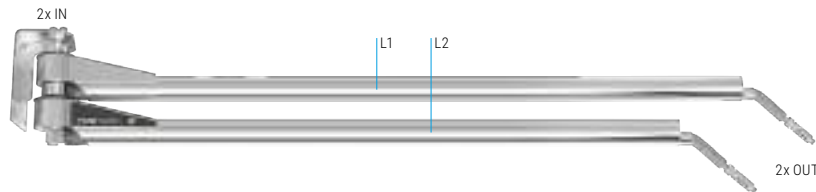


WAE (with HP-hose)

Part No.	L	Weight
68.502	1450	10.2kg
68.512	1600	10.9kg
68.522	1750	11.6kg
68.532	1900	12.3kg
68.542	2050	13.0kg
68.552	2250	13.7kg
68.562	2500	14.9kg
68.572	2750	16.1kg
68.582	3000	17.3kg

WAE (with pipe)

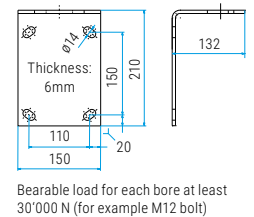
Part No.	L	Weight
68.301	1450	10.0kg
68.302	1600	10.7kg
68.303	1750	11.4kg
68.304	1900	12.1kg
68.305	2050	12.8kg
68.306	2250	13.4kg
68.307	2500	14.6kg
68.308	2750	15.8kg
68.309	3000	17.0kg



When using high and low pressure, use upper boom for low pressure.

WAD

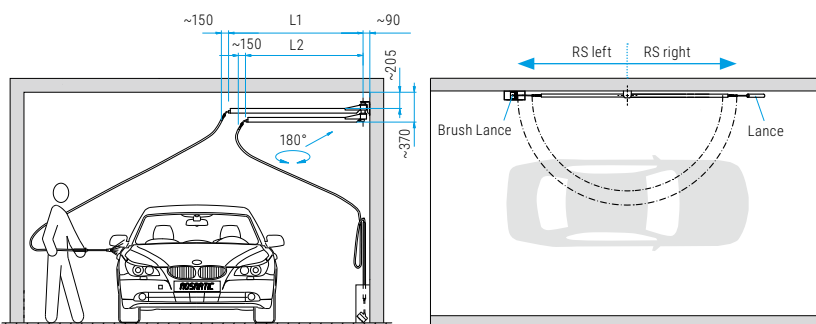
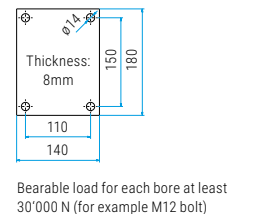
Part No.	L1	L2	Weight
61.402	1600	1450	19.1kg
61.412	1750	1600	19.9kg
61.422	1900	1750	20.7kg
61.432	2050	1900	21.5kg
61.442	2250	2050	22.4kg
61.452	2500	2250	23.6kg



Wall-Boom available with choice of park positions. w/o (neutral), left or right.

WAN (with pipe)

Part No.	L	RS	Weight
60.001	2000	left	8.6kg
60.002	2000	without	8.6kg
60.003	2000	right	8.6kg
60.021	2500	left	11.3kg
60.022	2500	without	11.3kg
60.023	2500	right	11.3kg



TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
Inlet (top & side)	G1/4" F (other options available)
Outlet	G1/4" M (other options available)
Throughput medium	water, oil, air at pH 3-12

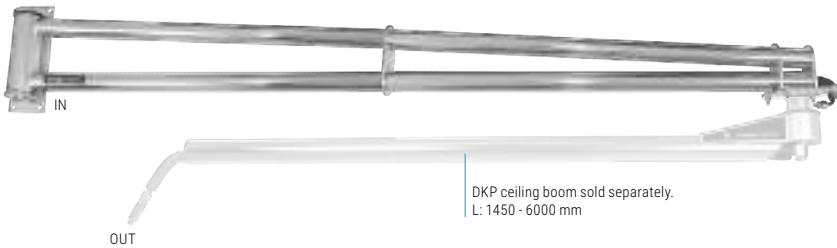
 environmentally friendly products

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Smooth, comfortable operation
- ✓ Extended work radius
- ✓ Solid construction

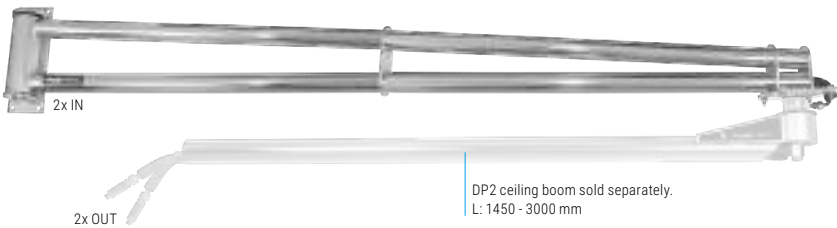
Whenever extended lengths and maximum flexibility are required, the wall-boom-extension is perfect for the job. Prime examples are truck wash bays, mining facilities, air craft maintenance and manufacturing plants. When combined correctly, a working radius of 12 meters is possible.



WSA (1 inner pipe = 1 inlet)

Part No.	B	L max.	Weight
60.522	2000	1900	24.0kg
60.532	2500	2250	25.5kg
60.542	3000	2750	28.6kg
60.983	4500	3000	51.8kg
60.930	6000	6000	57.8kg

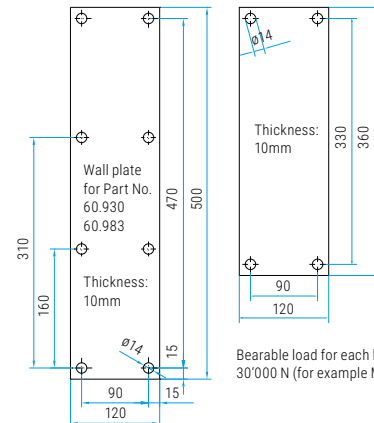
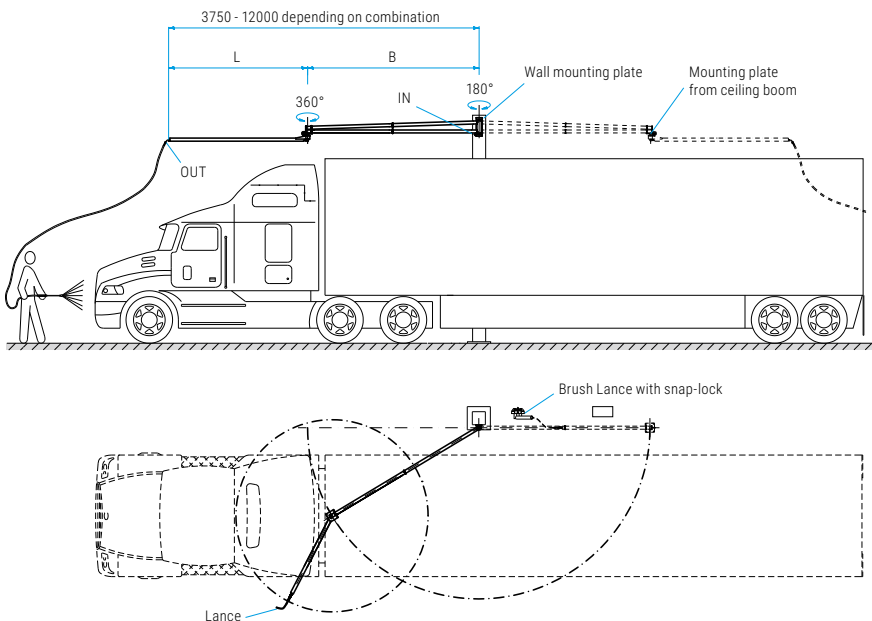
Add ceiling boom: DKP



WSA-2R (2 inner pipes = 2 inlets)

Part No.	B	L max.	Weight
60.910	2000	1900	24.8kg
60.911	2500	2250	27.3kg
60.912	3000	2750	29.8kg

Add ceiling boom: DP2



Bearable load for each bore at least 30'000 N (for example M12 bolt)

TECHNICAL DATA

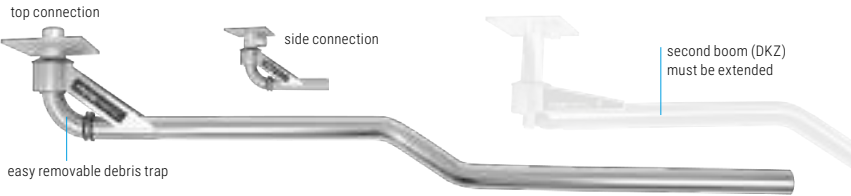
Pressure	275 bar (27.5 MPa)
Temperature	120°C
Inlet (bottom)	G1/4" F (other options available)
Outlet	G1/4" M (other options available)
Throughput medium	water, oil, air at pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ 180° or 360° smooth rotation
- ✓ Top, bottom or side port connections
- ✓ Can be combined with other Mosmatic booms
- ✓ For use with air dryers or vacuum systems

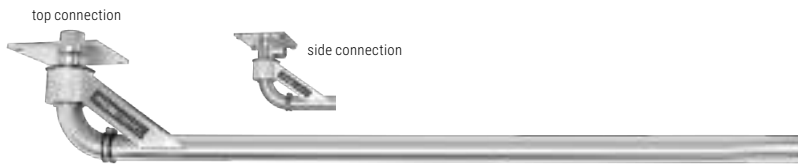
Using Mosmatic Air-System Booms will not only keep your hoses off the ground, but save your customer from dragging wet and dirty hoses into their vehicles. Available in: wall, floor or ceiling mount. For use with a vacuum or Mosmatic Air-Dry.



LU-DZ (Air-boom «Z» for ceiling installation)

Part No.	L	ø	Connection	Weight
60.324	1550	50	side	8.5kg
60.326	1550	50	top	8.2kg

Part No. includes one boom.



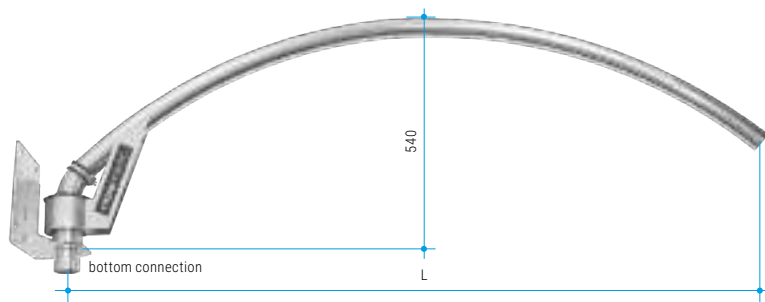
LU-D (Air-boom straight, for ceiling installation)

Part No.	L	ø	Connection	Weight
60.301	1600	40	side	7.5kg
60.306	1600	40	top	8.0kg
60.310	1600	50	side	7.5kg
60.313	1600	50	top	8.0kg



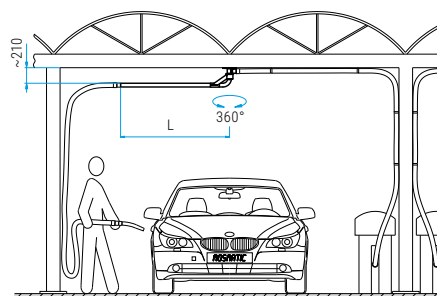
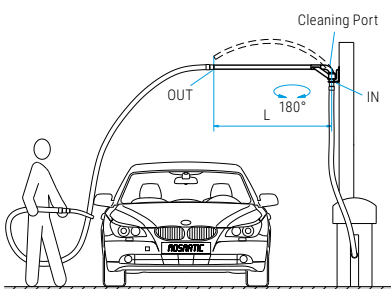
LU-W (Air-boom straight, for wall installation)

Part No.	L	ø	Connection	Weight
60.302	1600	40	bottom	7.5kg
60.311	1600	50	bottom	8.0kg

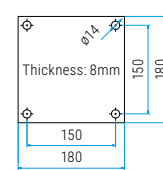


LU-WB (Air-boom curved, for wall installation)

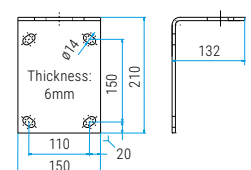
Part No.	L	ø	Connection	Weight
60.958	1700	50	bottom	8.6kg



LU-D / LU-DZ



LU-W / LU-WB



Bearable load for each bore at least 30'000 N (for example M12 bolt)

Legend

M. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ 180° or 360° smooth rotation
- ✓ Polished stainless steel
- ✓ Solid construction
- ✓ Ideal for vacuum islands

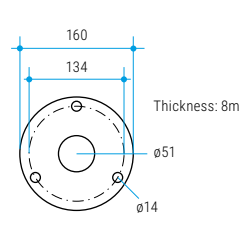
Mosmatic free standing floor mounted air-booms allow you the convenience of placing your boom where you need it. Choose between a 180° or 360° rotation.



LU-B (Air system stand 360°)

Part No.	ø	Weight
60.303	40	17.1kg
60.312	50	21.8kg

Air-system boom included.

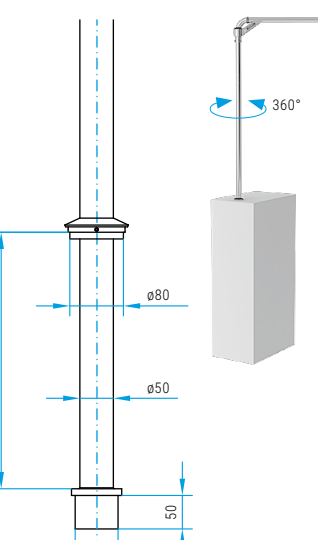


Bearable load for each bore at least 30'000 N (for example M12 bolt)

LU-S (Air system stand 360°)

Part No.	ø	Weight
60.971	50	9.5kg

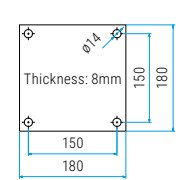
Air-system boom included.
Mount on standalone vacuum.



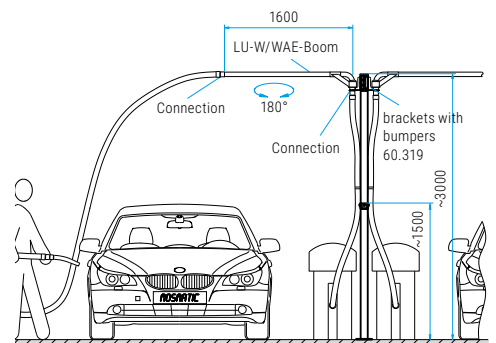
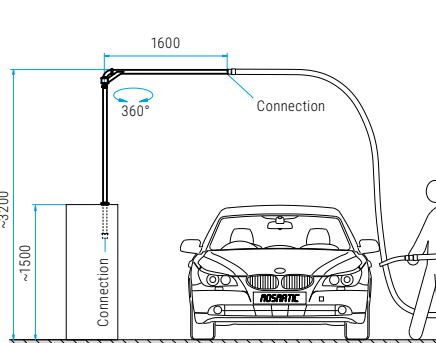
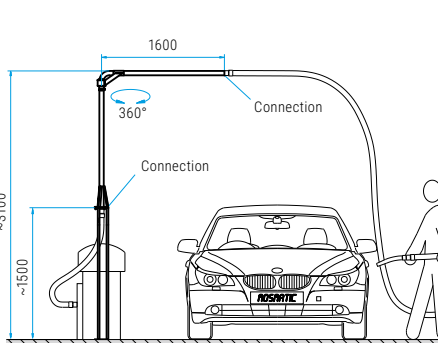
LU-Z (Air system stand 180°)

Part No.	Weight
60.318	24.0 kg

Without Air-boom, suitable for 2x LU-W or WAE.



Bearable load for each bore at least 30'000 N (for example M12 bolt)



Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ In bay or island self serve drying
- ✓ Quick and streak-free drying
- ✓ Additional source of income

Mosmatic Dry is the new, profit-generating attraction in self-service car wash systems. It dries vehicles and motorcycles efficiently and leaves any type of vehicle streak free in the summer and winter. Gentle on your vehicles finish.



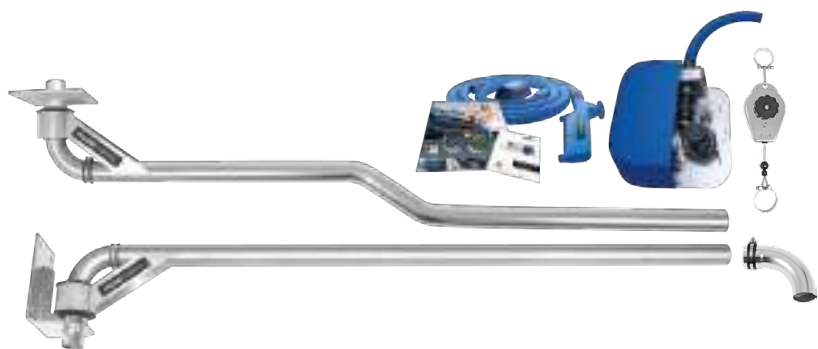
MOSMATIC DRY

Dryer unit suitable for all Mosmatic Air-booms. A new attraction in your wash bay.

Part No.	Weight
60.396	32.0kg

Universal dryer used for cars, motorcycles and boats. For wall or ceiling installations. Also installs directly to your car wash vac using universal mounting plate. Mosmatic Dry needs to be installed under a roof.

- Ready for installation:
- dryer with 230 volt (illuminated)
 - 2x 1600 watt motors
 - air-gun
 - gun-holder (wall mount)
 - hose (4500 mm)
 - hose (750 mm), connection housing to boom
 - operator guide plaque
 - installation instructions



DRYER PACKAGES

Part No.	Includes
60.929	Ceiling Boom, 90° Pipe, Pulley, Mosmatic Dry (blue), Gun/-holder, Hoses
60.931	Wall Boom, Mosmatic Dry (blue), Gun/-holder, Hoses
60.961	Wall Boom, Mosmatic Dry (red), Gun/-holder, Hoses



Legend

M., = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ 360° smooth rotation
- ✓ Complete stainless steel (INOX)
- ✓ Solid construction
- ✓ Flexible tension arm

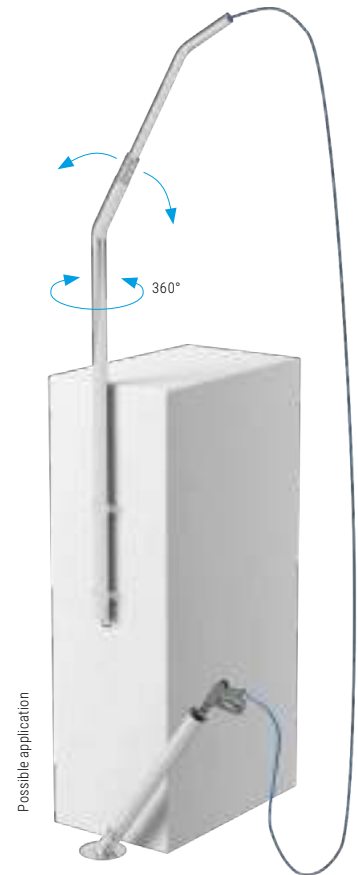
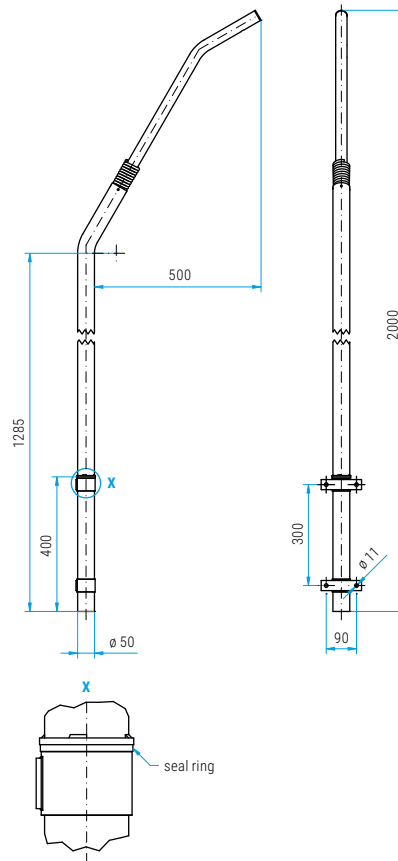
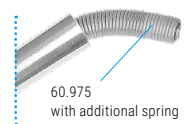
The convenient solution for a single wash station! The 360° range of rotation and built-in tension spring take up a minimal amount of space with full range of motion. All stainless steel vertical boom, mounting brackets included.



SAW (vertical boom)

Part No.	Length	Weight
60.701	2000 mm	4.5kg
60.975	2000 mm	4.7kg

Accessories: hose, gun, lance, lance holder (not included)

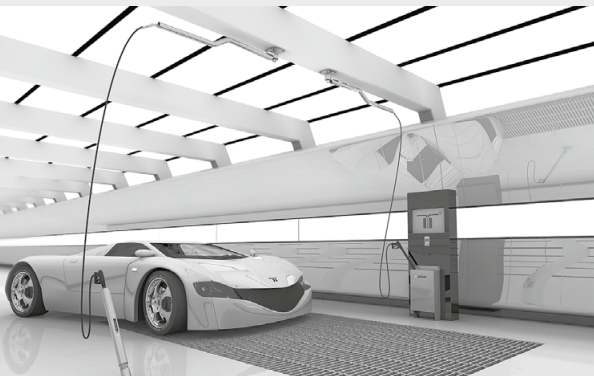


Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Everything for one-stop shopping
- ✓ Air-System boom option
- ✓ Complete package for self-service car wash

Equip your self-service car wash with the Mosmatic bay-package. Packages contain all the components to complete your self serve bays having that finished clean appearance and functionality.

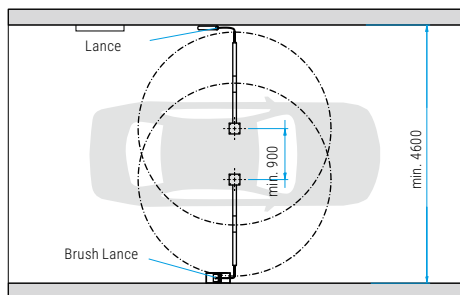


2 Packages, 4 Possibilities

Easy to combine:

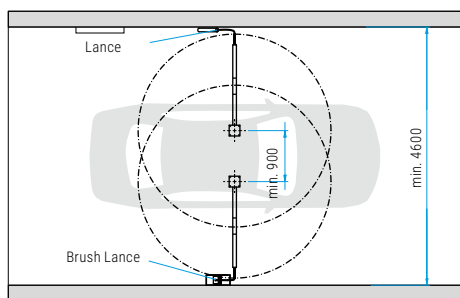
- Dual Set-up
- Dual Set-up for Weep-System
- Triple Set-up with MOSMATIC DRY
- Triple Set-up for Weep-System and MOSMATIC DRY

Products suited for water recycling



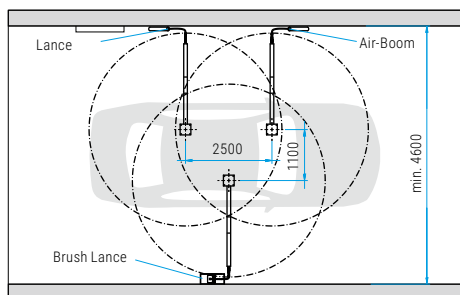
Dual Set-up

Part No.	65.935	
Contains		
Part No.	Quantity	Description
65.013	2x	DKZ-Boom, 1550mm, polished
24.980	1x	Lance straight, 750/400, with nozzle guard
29.076	1x	High pressure ceramic nozzle, Spray angle 80°
24.985	1x	Brush Lance bent, 1050/800, swiveling
29.025	1x	Handle, PP - Ergonomically
29.100	1x	HP-gun, 310 bar, 150°C
52.004	1x	Adapter, brass nickel plated
29.097	1x	Lance-Holder spring model, with recovery port, floor mounted, stainless steel
29.026	1x	Brush-Bucket wall mounted, 2" drain plug, stainless steel
90.001	2x	Mat-holders blue, stainless steel
90.022	2x	HP-hose blue, NW8, 400bar, 150°C, length: 4200mm



Dual Set-up for Weep-System

Part No.	65.936	
Contains		
Part No.	Quantity	Description
65.013	2x	DKZ-Boom, 1550mm, polished
24.980	1x	Lance straight, 750/400, with nozzle guard
29.076	1x	High pressure ceramic nozzle, Spray angle 80°
24.985	1x	Brush Lance bent, 1050/800, swiveling
29.025	1x	Handle, PP - Ergonomically
29.033	1x	HP-gun with weep-system, 310 bar, 150°C
52.004	1x	Adapter, brass nickel plated
29.097	1x	Lance-Holder spring model, with recovery port, floor mounted, stainless steel
29.027	1x	Brush-Bucket wall- and floor mounted, 2" drain plug with overflow, stainless steel
90.001	2x	Mat-holders blue, stainless steel
90.022	2x	HP-hose blue, NW8, 400bar, 150°C, length: 4200mm



MOSMATIC DRY Add-on to Dual Set-up

Part No.	60.929	
Contains		
Part No.	Quantity	Description
60.326	1x	Air-Boom 2", 1550mm, Ceiling-mounted
60.314	1x	90° elbow, ø50mm, including clamp, INOX
60.320	1x	Pulley, including clamps
60.396	1x	MOSMATIC DRY „Dryer“, wall-model, 230V

For a more compact installation use extension shaft 902.753.

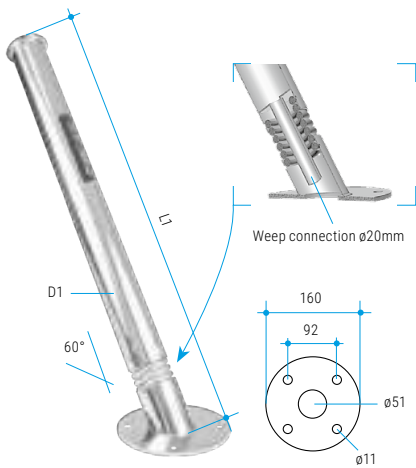
Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

WWW.MOSMATIC.COM

- ✓ High-quality workmanship
- ✓ Polished stainless steel
- ✓ Solid construction

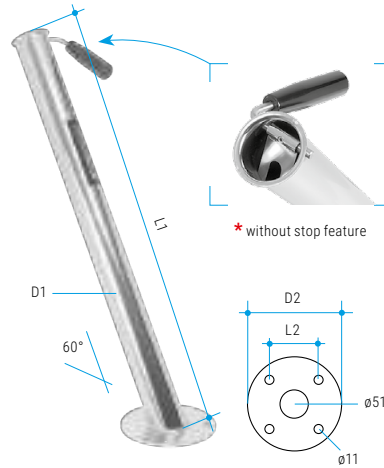
Only Mosmatic offers you such an extensive variety lance holders. Solid construction and high quality materials enhance their function and appearance, which increases value to your wash bay.



Lance holder

spring model, floor mounted, with weep connection

Part No.	L1	D1	Weight
29.097	705	60	3.1kg
29.121	855	60	3.8kg

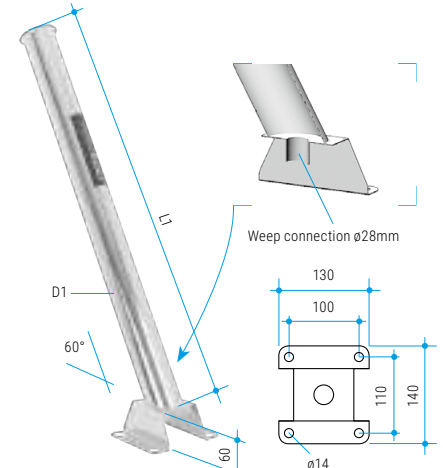


Lance holder

with stop feature, floor mounted

Part No.	D1	D2	L1	L2	Weight
29.028	60	160	750	92	2.7kg
29.113*	60	160	740	92	2.3kg
29.127*	100	200	740	120	3.9kg

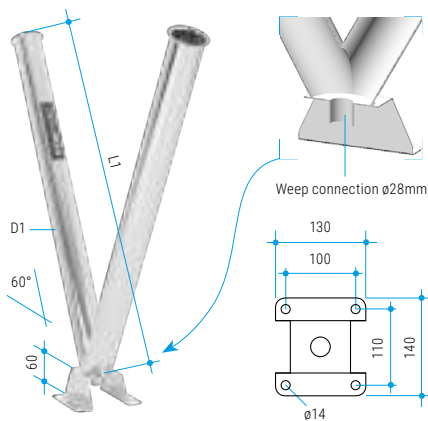
29.975 Stop feature replacement set



Lance holder

with weep connection, floor mounted

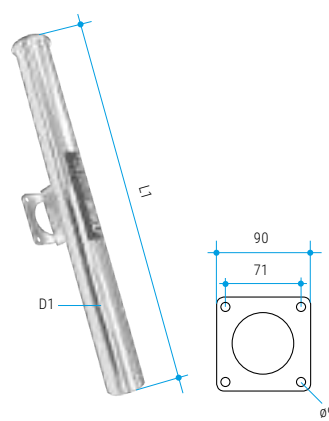
Part No.	L1	D1	Weight
29.115	740	60	2.0kg



Dual lance holder

with weep connection, floor mounted

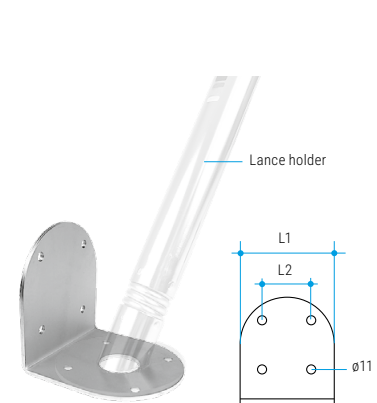
Part No.	L1	D1	Weight
29.124	740	60	4.0 kg



Lance holder

wall mounted

Part No.	L1	D1	Weight
29.083	590	60	1.7kg
29.128	200	60	0.9kg



Lance holder bracket

for wall mounting 29.097 / 29.028 / 29.113 / 29.121

Part No.	L1	L2	Weight
29.099	160	92	1.9kg

Legend

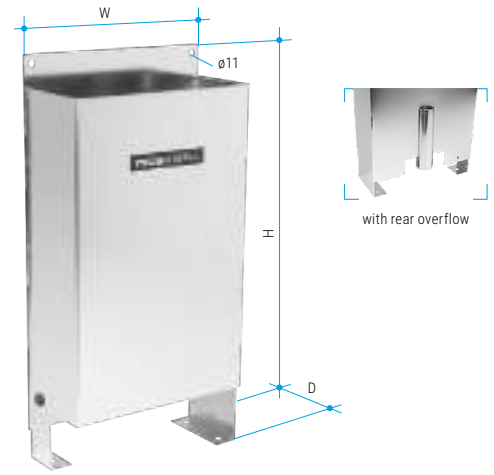
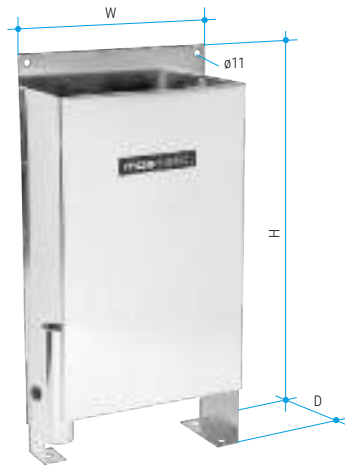
M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

BRUSH BUCKET



- ✓ Polished stainless steel
- ✓ Rugged design
- ✓ Solid construction
- ✓ High-quality workmanship
- ✓ Delivered ready to install

Mosmatic Brush buckets are made of stainless steel that come complete with wash out debris collectors. The high quality workmanship and state of the art design, upgrade your wash bay both visually and functionally.



Brush bucket

wall- and floor mounted, polished stainless steel, 2" (ø50) drain

Part No.	W	H	D	Weight
29.026	340	670	143	8.2kg

Brush bucket

wall- and floor mounted with overflow, polished stainless steel, 2" (ø50) drain

Part No.	W	H	D	Weight
29.027	340	670	143	8.4kg

Brush bucket

wall- and floor mounted with overflow, polished stainless steel, 2" (ø50) drain, with a connection at the back

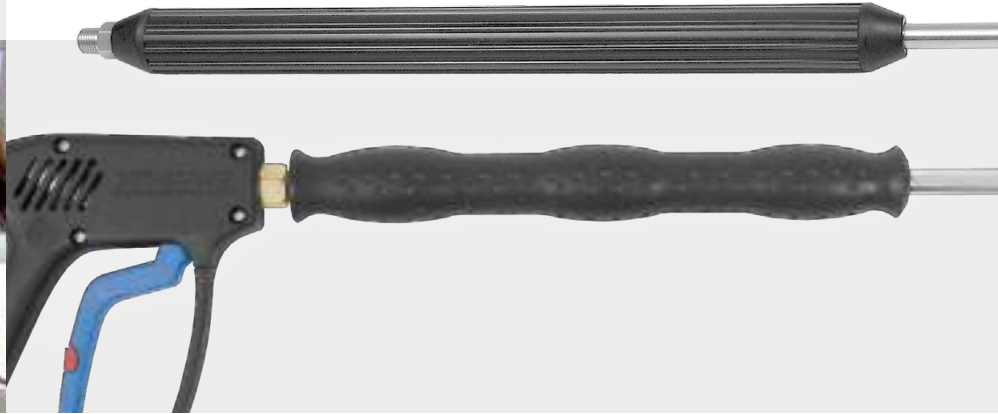
Part No.	W	H	D	Weight
29.114	340	670	163	8.4kg

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ High-quality workmanship
- ✓ Polyurethane grip
- ✓ Delivered ready for installation

Mosmatic lances made of high quality stainless steel are the standard in your wash bay. The solid construction and the unique workmanship ensure longevity and value. Each lance has a modular design which allows for individual customer requirements. You choose the in-put out-put, length, grip and matching accessories to suit your needs.



Mosmatic LAN-C (Classic)

Part No.	L	GL	G1	WS	DG	IN	OUT	Weight
24.980	750	400	straight	---	---	G1/4" kM	G3/8" M + 1/8" NPTF	0.53 kg
24.981	750	400	bent	---	---	G1/4" kM	G3/8" M + 1/8" NPTF	0.53 kg
24.982	1050	400	straight	---	---	G1/4" kM	G3/8" M + 1/8" NPTF	0.64 kg
24.983	1050	400	bent	---	---	G1/4" kM	G3/8" M + 1/8" NPTF	0.64 kg

L = total length, GL = grip length, Nozzles not included.

Mosmatic LAN-P (Pro)

Part No.	L	GL	G1	WS	DG	IN	OUT	Weight
28.520	600	300	straight	---	---	G3/8" F	1/4" NPTF	1.03 kg
28.521	600	300	bent	---	---	G3/8" F	1/4" NPTF	1.03 kg
28.522	600	300	straight	yes	---	G3/8" F	1/4" NPTF	1.03 kg
28.523	600	300	bent	yes	---	G3/8" F	1/4" NPTF	1.03 kg
28.524	600	300	straight	yes	yes	G3/8" F	1/4" NPTF	1.16 kg
28.525	600	300	bent	yes	yes	G3/8" F	1/4" NPTF	1.16 kg
28.530	1000	700	straight	---	---	G3/8" F	1/4" NPTF	1.41 kg
28.531	1000	700	bent	---	---	G3/8" F	1/4" NPTF	1.41 kg
28.532	1000	700	straight	yes	---	G3/8" F	1/4" NPTF	1.41 kg
28.533	1000	700	bent	yes	---	G3/8" F	1/4" NPTF	1.41 kg
28.534	1000	700	straight	yes	yes	G3/8" F	1/4" NPTF	1.54 kg
28.535	1000	700	bent	yes	yes	G3/8" F	1/4" NPTF	1.54 kg

L = total length (without HP-Gun), GL = grip length, Nozzles not included.

Mosmatic LAN-P (Pro)

Art. Nr.	L	GL	G1	WS	DG	IN	OUT	Weight
904.098	330	300	straight	---	---	G1/4" M	G1/4" M	0.3 kg
902.917	600	300	straight	---	---	G1/4" M	G1/4" M	0.4 kg
902.964	600	300	bent	---	---	G1/4" M	G1/4" M	0.4 kg
903.655	700	300	straight	---	---	G1/4" M	G1/4" M	0.4 kg
902.982	700	300	bent	---	---	G1/4" M	G1/4" M	0.4 kg
904.262	1000	400	straight	---	---	G1/4" M	G1/4" M	0.6 kg
904.263	1000	400	bent	---	---	G1/4" M	G1/4" M	0.6 kg

L = total length, GL = grip length, Nozzles not included.

TECHNICAL DATA

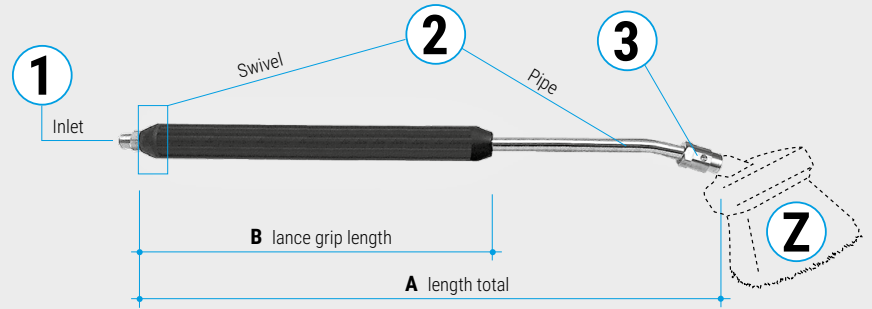
Pressure	275 bar (27.5 MPa)
Temperature	120°C
Nominal width	6
Throughput medium	pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ **Customize to your needs**
- ✓ **Quality craftsmanship**

Design your personal high pressure lance. Simply choose the in-put out-put, length, grip and matching accessories to suit your needs. Follow the steps 1, 2 and 3 to get the correct part number.



1	Inlet	No.
	M21 x 1.5 F	21.
	M22 x 1.5 F	22.
	G 3/8" kM	23.
	G 1/4" M	24.

2	Pipe straight		Pipe bent	
			without Swivel	with Swivel
	A	B	No.	No.
Other versions or sizes upon request	250 mm	200 mm	01	41
	350 mm	200 mm	02	42
	500 mm	200 mm	03	43
	650 mm	400 mm	04	44
	750 mm	400 mm	05	45
	850 mm	400 mm	06	46
	850 mm	800 mm	07	47
	950 mm	400 mm	08	48
	950 mm	800 mm	09	49
	1050 mm	400 mm	10	50
	1050 mm	800 mm	11	51
	1250 mm	1000 mm	12	52
	1500 mm	1300 mm	13	53
	1750 mm	1300 mm	14	54
	2000 mm	1800 mm	15	55

Your Part No.



3	Outlet	No.
	Nozzle socket 1/8"NPTF for locking-screw	0
	Nozzle socket 1/8"NPTF for snap-lock	1
	Nozzle socket 1/4"NPTF for locking-screw	2
	Nozzle socket 1/4"NPTF for snap-lock	3
	G 1/4" kM (k=conical)	4
	Foam injector ø2.5 G 1/4" kM (k=conical)	5
	Nozzle socket G 3/8" M 1/8"NPTF	6
	Nozzle socket ø16 1/4"NPTF	7

Z	Suitable Accessories
29.001	
29.002	
29.003	
29.006	
29.007	
29.010	

Nozzles not included.

Legend

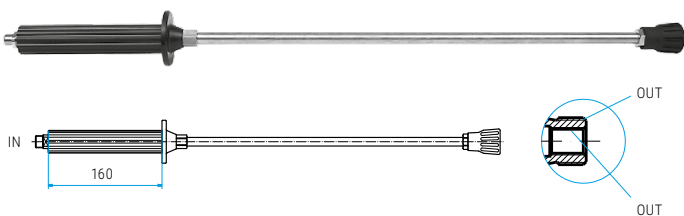
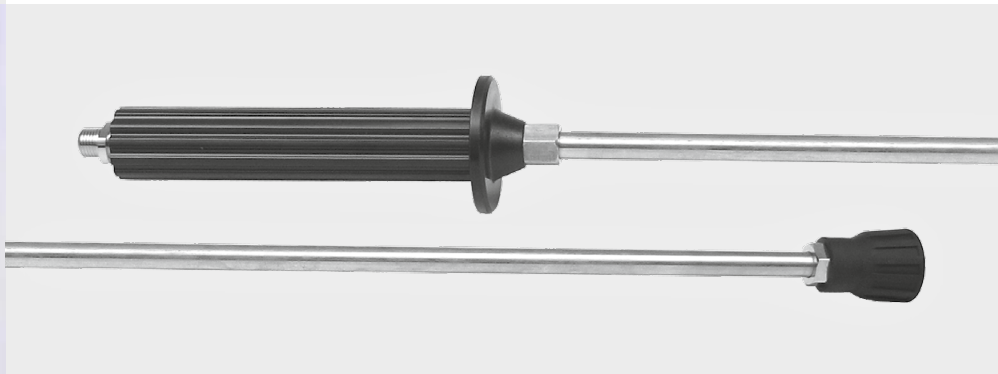
M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

LANCE WITH FILTER SIEVE



- ✓ High-quality craftsmanship
- ✓ Polyurethane grip
- ✓ Optimal for recycled water

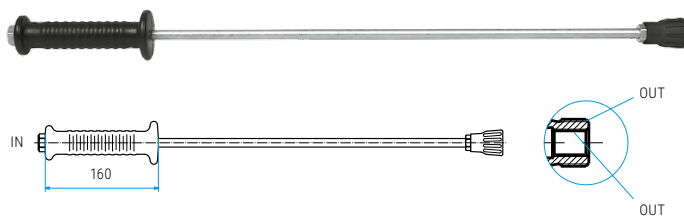
The high quality stainless steel Mosmatic lance with integrated sieve. Ideal for an application not using a high pressure gun, connecting the hose directly to the lance.



Mosmatic LAS-C (Classic-Lance with filter sieve, hard plastic handle)

Part No.	L	IN	OUT	Weight
28.003	500	G1/4" M	G3/8" M + 1/8" NPTF	0.5kg
28.004	650	G1/4" M	G3/8" M + 1/8" NPTF	0.5kg
28.005	750	G1/4" M	G3/8" M + 1/8" NPTF	0.6kg
28.006	850	G1/4" M	G3/8" M + 1/8" NPTF	0.6kg
28.007	950	G1/4" M	G3/8" M + 1/8" NPTF	0.7kg
28.008	1050	G1/4" M	G3/8" M + 1/8" NPTF	0.7kg
28.053	500	G3/8" M	G3/8" M + 1/8" NPTF	0.5kg
28.054	650	G3/8" M	G3/8" M + 1/8" NPTF	0.6kg
28.055	750	G3/8" M	G3/8" M + 1/8" NPTF	0.6kg
28.056	850	G3/8" M	G3/8" M + 1/8" NPTF	0.6kg
28.057	950	G3/8" M	G3/8" M + 1/8" NPTF	0.7kg
28.058	1050	G3/8" M	G3/8" M + 1/8" NPTF	0.7kg
28.103	500	G1/4" M	1/4" NPTF	0.5kg
28.104	650	G1/4" M	1/4" NPTF	0.5kg
28.105	750	G1/4" M	1/4" NPTF	0.6kg
28.106	850	G1/4" M	1/4" NPTF	0.6kg
28.107	950	G1/4" M	1/4" NPTF	0.7kg
28.108	1050	G1/4" M	1/4" NPTF	0.7kg
28.153	500	G3/8" M	1/4" NPTF	0.5kg
28.154	650	G3/8" M	1/4" NPTF	0.6kg
28.155	750	G3/8" M	1/4" NPTF	0.6kg
28.156	850	G3/8" M	1/4" NPTF	0.6kg
28.157	950	G3/8" M	1/4" NPTF	0.7kg
28.158	1050	G3/8" M	1/4" NPTF	0.7kg

L = total length, Nozzles not included.



Mosmatic LAH-C (Classic- Lance with filter, Polyurethane - molded soft handle)

Part No.	L	IN	OUT	Weight
28.404	650	G3/8" F	G3/8" M + 1/8" NPTF	0.5kg
28.414	650	G3/8" F	G3/8" M + 1/4" NPTF	0.5kg
28.405	750	G3/8" F	G3/8" M + 1/8" NPTF	0.5kg
28.415	750	G3/8" F	G3/8" M + 1/4" NPTF	0.5kg

L = total length
100 pieces or more available with red or blue handles. Nozzles not included.

TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
Nominal width	6
Throughput medium	pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Perfect for self-service car wash
- ✓ Ergonomic design and easy handling
- ✓ Intensive cleaning also in the food industry

Mosmatic Foam Accessories are a great opportunity to complement your existing wash program with another lucrative option. You can choose between different options or combine the components yourself. The cleaning power of foam is also ideal for the food industry. Foam covering allows for better cleaning results, with more concentrated chemical saturation.



Foam Lance (black)

Part No.	L	LA	IN	Weight
29.123	700	500	G3/8" F	1.1 kg

L = total length, LA = lance length

Use the Mosmatic foam lance in your existing self-service car wash, any sanitation cleaning task or in your facility maintenance program. The integrated air injected mechanism of the foam lance creates thick foam for complete surface coverage. Comes with Mosmatic relax action HP gun for ease of use over extended periods of time.



Chemical Regulator

with metering valve

Part No.	L	IN/OUT	Weight
90.087	2000	M22	0.9 kg

The completely stainless steel regulator easily installs between your pressure washer and your high pressure hose. Adjust the chemical dial to determine between thick and thin layers of foam coverage.



Foam head

Nozzle attachment for normal HP-lances.

Part No.	Material	Color	L	IN	Weight
29.122	brass	black	120	G1/4" F	0.14 kg
29.129	INOX	blue	180	G1/4" F	0.18 kg

Mount the Mosmatic foam head to any existing spray lance. Adjustable flat spray nozzle allows quick adjustment for different foam applications.



TECHNICAL DATA

Pressure	310 bar (31 MPa)
Temperature	100°C
Throughput	max. 45 l/min.
Throughput medium	pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Natural hogs hair (60mm)
- ✓ Rugged design
- ✓ Solid construction
- ✓ Polyurethane grip
- ✓ Delivered ready to install

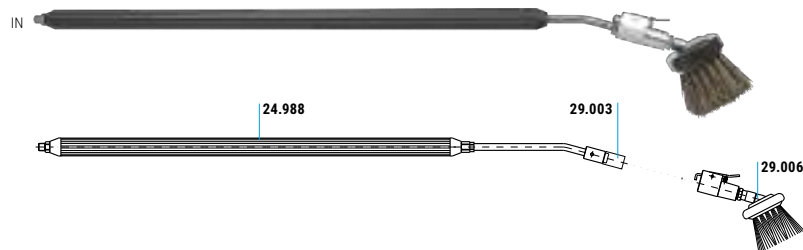
Make Mosmatic brush lances the standard in your wash bay. The solid construction and the unique workmanship ensure longevity and value. Each brush lance has a modular design which allows for individual customer requirements. You choose the in-put out-put, the length of the lance and the protective tube as the matching accessories.



Mosmatic B-LAN-C (Classic)

Part No.	L	GL	DG	IN	Weight
24.984	1050	800	---	G1/4" kM	1.34 kg
24.985	1050	800	yes	G1/4" M	1.56 kg
24.986	1250	1000	---	G1/4" kM	1.54 kg
24.987	1250	1000	yes	G1/4" M	1.68 kg

L = total length, GL = grip length



Mosmatic B-LAN-C (Classic brush lance for snap lock systems)

Part No.	L	GL	DS	IN	Weight
24.988	950	800	yes	G1/4" kM	0.89 kg

L = total length, GL = grip length, DS = Nozzle guard incl.

Nozzles not included

29.003	Nozzle guard	0.004 kg
29.006	Brush head complete with snap-lock feature	1.16 kg



Mosmatic B-LAN-P (Pro)

Part No.	L	GL	WS	DG	IN	Weight
28.540	600	300	---	yes	G3/8" F	1.75 kg
28.541	600	300	yes	---	G3/8" F	1.75 kg
28.542	600	300	yes	yes	G3/8" F	1.75 kg
28.545	1000	700	---	yes	G3/8" F	2.15 kg
28.546	1000	700	yes	---	G3/8" F	2.15 kg
28.547	1000	700	yes	yes	G3/8" F	2.15 kg

L = total length (without HP-Gun), GL = grip length

TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
Nominal width	6
Throughput medium	pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Minimum working pressure 2.5 bar
- ✓ Minimum flow ratio 5 l/min
- ✓ Natural hogs hair
- ✓ Suitable for weep system
- ✓ Available in multiple lengths
- ✓ Available with built-in swivel

The Mosmatic Flex-Brush Lance provides an additional function when compared to all standard brushes. Directly in front of the head is a mechanism, which slackens the brush head when not under pressure. Increase the pressure and the head solidifies. The Flex-Brush Lance only works under pressure. The pressure build-up occurs by adding coins in the coin box. Durable lightweight construction makes it easy to use while giving you added savings of a longer lasting brush head.



F-LAN (2.5 - 20 bar, minimum 5 l/min.)

Part No.	L	IN	Foam injector	DG	Handle	Weight
27.102	1000 mm	G1/4" kM	yes	---	---	1750g
27.103	1300 mm	G1/4" kM	yes	---	---	2000g
27.122	1000 mm	G1/4" M	yes	yes	---	1900g
27.123	1300 mm	G1/4" M	yes	yes	---	2100g
27.302	1200 mm	G1/4" M	yes	---	yes	2000g
27.303	1500 mm	G1/4" M	yes	---	yes	2250g
27.322	1200 mm	G1/4" M	yes	yes	yes	2150g
27.323	1500 mm	G1/4" M	yes	yes	yes	2400g

L = total length

F-LAN HD (20 - 80 bar, minimum 9 l/min.)

Part No.	L	IN	Foam injector	DG	Handle	Weight
27.107	1000 mm	G1/4" kM	yes	---	---	1750g
27.108	1300 mm	G1/4" kM	yes	---	---	2000g
27.127	1000 mm	G1/4" M	yes	yes	---	1900g
27.128	1300 mm	G1/4" M	yes	yes	---	2100g
27.307	1200 mm	G1/4" M	yes	---	yes	2000g
27.308	1500 mm	G1/4" M	yes	---	yes	2250g
27.327	1200 mm	G1/4" M	yes	yes	yes	2150g
27.328	1500 mm	G1/4" M	yes	yes	yes	2400g

L = total length

Instruction Board

This instruction board explains the concept of the Flex-Brush Lance. It clarifies that the Flex-Brush Lance only works with a paid program. Install the board close to Flex-Brush Lance for visual instruction.

Part No.	Width	Height	Material	Weight
902.999	300 mm	700 mm	2 mm Forex	330g



Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

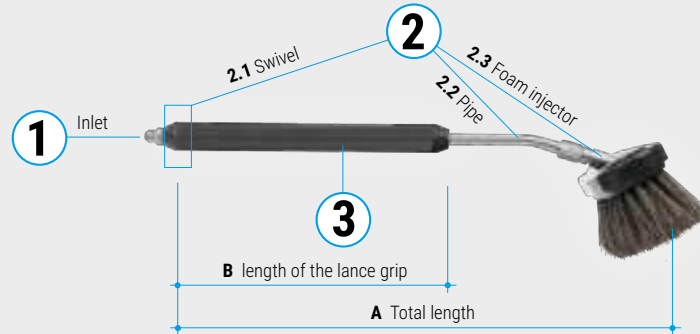
TECHNICAL DATA





Pressure	2.5 - 80 bar (0.25 - 8 MPa)
Temperature	120°C
Nominal width	6
Throughput medium	pH 3-12

INDIVIDUAL BRUSH LANCES

- ✓ Complete lances with brush head
- ✓ Natural hogs hair (60mm)
- ✓ Delivered ready for installation

Customize Mosmatic brushes to your unique application. Simply choose your in-put out-put and desired components by following steps 1-3 to get your part number.



1	Inlet	No.
	M21 x 1.5 F	21.
	M22 x 1.5 F	22.
	conical G 3/8" kM	23.
	G 1/4" M	24.

2.1	2.2	2.3	No.
Swivel	Pipe	Foam injector	
without	straight	without	90
without	bent	without	91
without	straight	with	94
without	bent	with	95
with	straight	without	92
with	bent	without	93
with	straight	with	96
with	bent	with	97

Your Part No.



Other versions or sizes upon request	3	A	B	No.	
		900 mm	600 mm	1	(only bent)
		900 mm	800 mm	1	(only straight)
		1050 mm	800 mm	2	
		1250 mm	1000 mm	3	
		1500 mm	1300 mm	4	
		1750 mm	1300 mm	5	
		2000 mm	1800 mm	6	
	2500 mm	1800 mm	7		

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

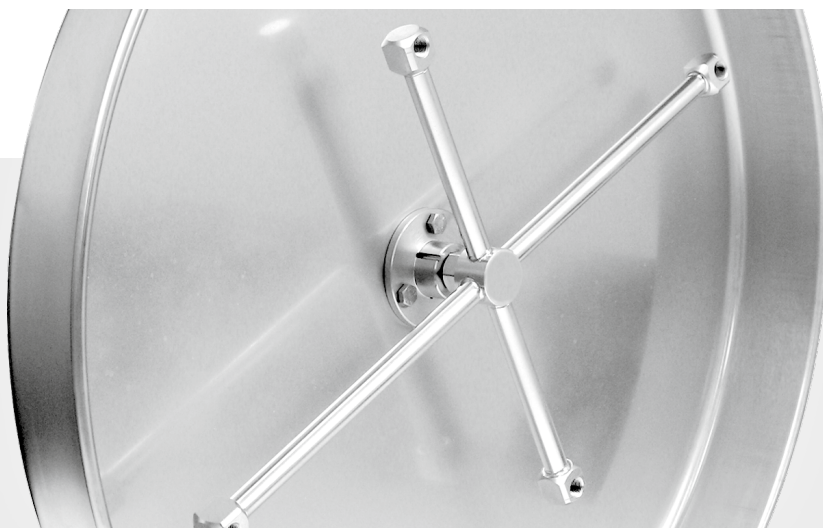
WHEELBLASTER



- ✓ Polished stainless steel (INOX)
- ✓ With mounting plate
- ✓ 4 nozzles inlets
- ✓ High quality swivel



Mosmatic Wheelblaster are a versatile and highly effective cleaning solution for almost any style vehicle or equipment cleaning. The rotation speed is determined by the water and pressure which drives the rotor arm. These products are mainly found in automatic car wash facilities in the area of tire/rim and rocker panel cleaning. It is an efficient and reliable touch free method of achieving optimal cleaning results.



WBL ø520mm

Part No.	Swivel	Rotor Arm	Weight
84.502	DYF	400/250 mm	7.2kg
84.512	DYF	470/350 mm	7.3kg
84.507	DYT	400/250 mm	8.4kg
84.517	DYT	470/350 mm	8.5kg

Requires 4x HP nozzles, please order separate

DYF: triple-bearing system, DYT: quadruple bearing system

TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
RPM	up to 2000 rpm
Water connection	G3/8" F
Nozzle connection	4x 1/8" NPTF
Throughput medium	pH 3-12

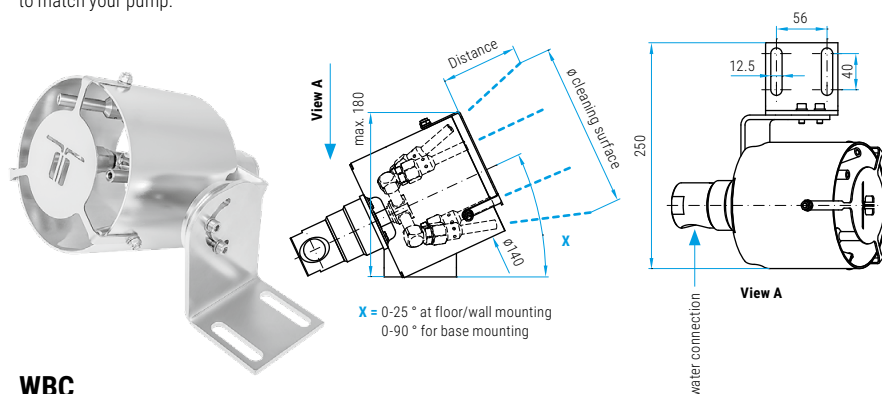


WHEELBLASTER COMPACT

- ✓ Equipped with stabilizer nozzles
- ✓ Flexible installation options
- ✓ Adjustable spray direction
- ✓ Polished stainless steel (INOX)



Due to the very compact design, this wheelblaster is ideal for installs where there is only limited space. The unit comes equipped with four stabilizer nozzles. These stabilizer nozzles increase distance and impact and the spray direction is adjustable to achieve optimal cleaning. Choose the correct EG nozzle to match your pump.



WBC

Part No.	Swivel	Rotor arm	Stab. Nozzle/Adapter	Insert Nozzle	Weight
84.604	DYTs	100x100 mm	4x 14.902	---*	4.1kg

* Requires 4x EG-nozzles, according to your pump specifications

Action diameter

Distance	Cleaning surface
250 mm	300 mm
500 mm	500 mm
750 mm	700 mm
1000 mm	830 mm

TECHNICAL DATA

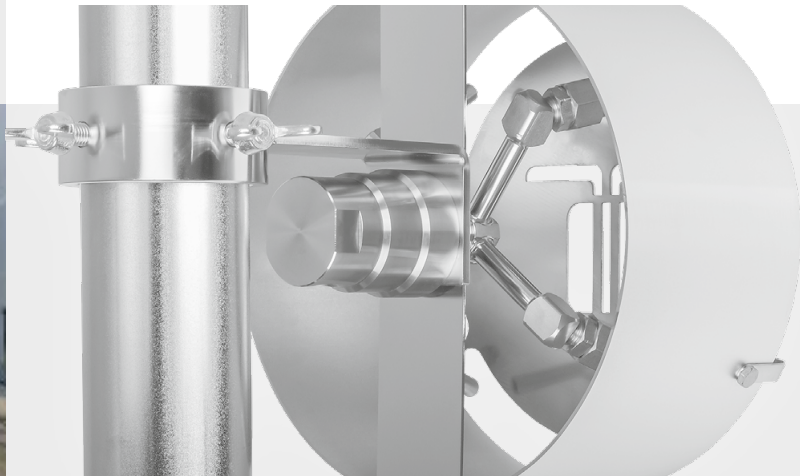
Pressure	275 bar (27.5 MPa)
Temperature	120°C
RPM	up to 2000 rpm
Water connection	G3/4" F
Throughput medium	pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Polished stainless steel (INOX)
- ✓ Equipped with stabilizer nozzles
- ✓ Seamless height and angle adjustable
- ✓ Multiple cleaning heads can be installed
- ✓ High impact at distance

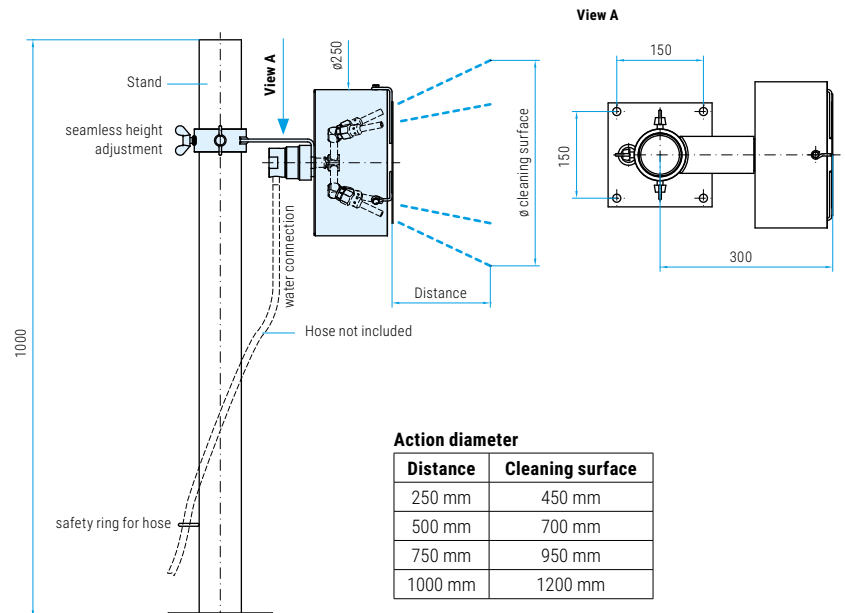
The Mosmatic Wheelblaster Pro is the new standard for vehicle wash systems. The complete wash head can be placed nearly anywhere you wish and has variable height and swing adjustment. The unit comes equipped with 4 stabilizer nozzles. These four 0° stabilizer nozzles increase distance and impact to achieve optimal cleaning. It is possible to cover a larger cleaning area by mounting various cleaning heads on the 1 meter high stand.



WBP

Part No.	Swivel	Rotor arm	Stab. Nozzle/Adapter	Insert Nozzle	Stand	Weight
84.541	DYTIIs	160/160 mm	4x 14.901	--- *	yes	11.5kg
84.591	DYTIIs	160/160 mm	4x 14.901	--- *	no	4.2kg

* Requires 4x EG-nozzles, according to your pump specifications



Action diameter

Distance	Cleaning surface
250 mm	450 mm
500 mm	700 mm
750 mm	950 mm
1000 mm	1200 mm

TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
RPM	up to 2000 rpm
Water connection	G3/8" F
Throughput medium	pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

UNDERCARRIAGE CLEANER STATIONARY

- ✓ Compact and solid construction
- ✓ Equipped with stabilizer nozzles
- ✓ Modular design



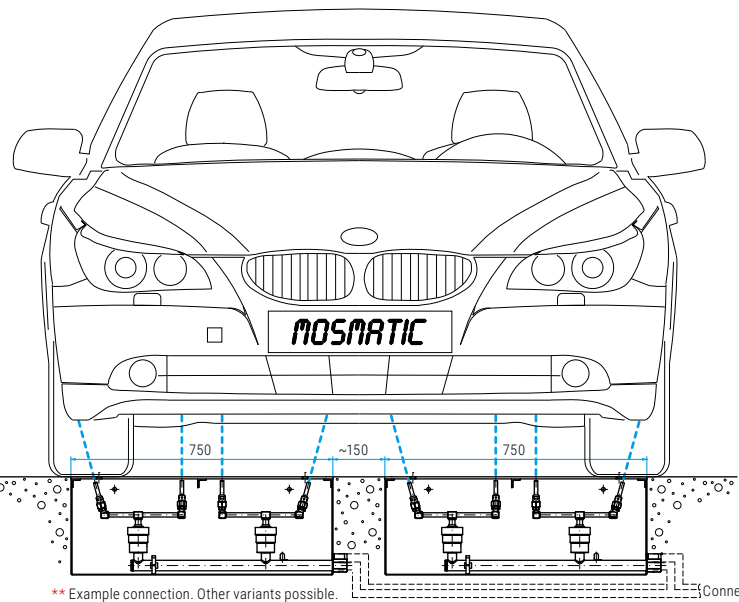
The TUW stationary is perfect for fixed ramp over or sub-floor undercarriage wash systems. Industrial grade stainless plates and boxes come complete with quad bearing swivels and welded balanced rotor arms. The high lift wash design removes heavy debris and cleans without damage to the vehicles undercarriage. Whether a new install or system upgrade this is sure to impress.



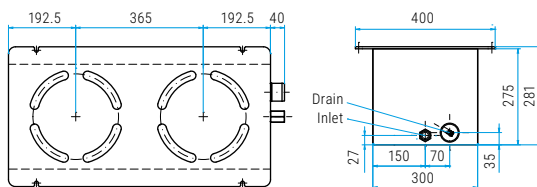
TUWs

Part No.	Dimensions (L/W/H)	Weight	Swivels	Rotor arms	Stab. Nozzle/Adapter	Insert Nozzle
80.630	750x300x275	32kg	2x DYT	200x250 mm	4x 14.901	--- *

* Requires 4x EG-nozzles, according to your pump specifications



** Example connection. Other variants possible. Connection**



TECHNICAL DATA

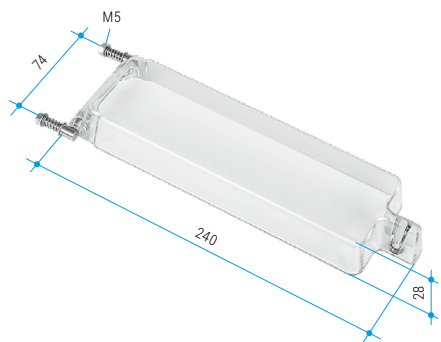
Pressure	275 bar (27.5 MPa)
Temperature	120°C
RPM	up to 2000 rpm
Body	750x300x275mm
Water connection	G3/4" F
Water drain	2"
Throughput medium	pH 3-12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Delivered ready to install
- ✓ A must for every pay station
- ✓ Protects the coin slot

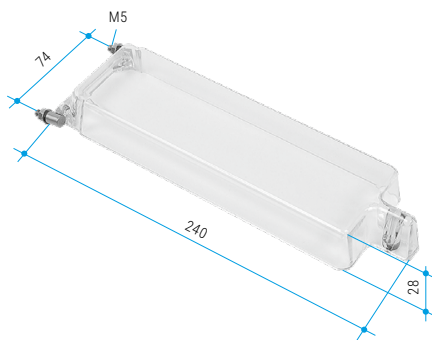
Mosmatic splash guards are a must to prevent water from entering into pay station coin/card slots causing unwanted damage. Choose between the standard version and the flexible version. The flexible version has spring-loaded mounting, adding extra endurance. Existing units already equipped with a Mosmatic splash guard, can be easily upgraded to the new system.



Splash guard flexible

transparent Polycarbonate with magnets, INOX mounting brackets

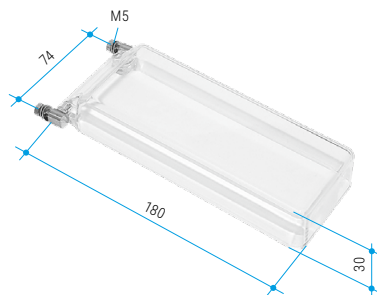
Part No.	Bracket version	Weight
90.077	round	0.1kg



Splash guard standard

transparent Polycarbonate with magnets, INOX mounting brackets

Part No.	Bracket version	Weight
90.015	round	0.1kg
90.076	angular	0.1kg



Splash guard short

transparent Polycarbonate without magnets, INOX mounting brackets

Part No.	Bracket version	Weight
90.071	round	0.1kg

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

Our goal:
Providing solutions to solve today's cleaning and sanitation needs.

HIGH PRESSURE

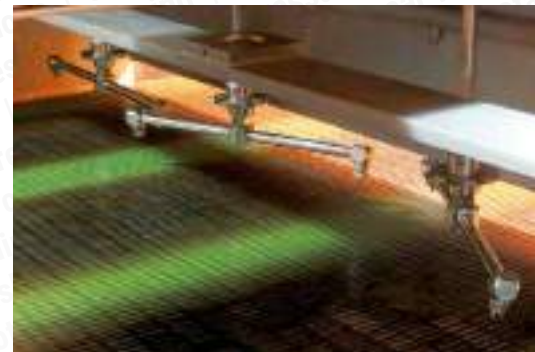
Surface Cleaning and Maintenance

Our complete range of surface cleaners, set the standard for today's commercial and industrial needs. Offering both recovery style and non, we are the perfect choice for large and small flatwork applications. Ergonomic, lightweight and durable designs make us the number one choice for your clean and sanitation needs.



Food Industry

Today's industry calls for water conservation and higher sanitation requirements, Mosmatic components help increase cleaning efficiency while decreasing time and labor as well as reducing waste water.



Municipal

Working together with manufacturers of municipal vehicles, Mosmatic has developed solutions for the high demands of professional road and sidewalk cleaning. We also have the right components to bring in an economically friendly way to clean tunnels, shafts, ducts, pipes, noise protection walls and buildings.



Industrial Cleaning

Mosmatic offers various cleaning tools for industries such as parts cleaning, shipbuilding, wood and metal processing but also for the cleaning of portable toilet cabins, silos, steam hoods and buildings. We offer products that are designed to withstand harsh environments and rugged daily use.



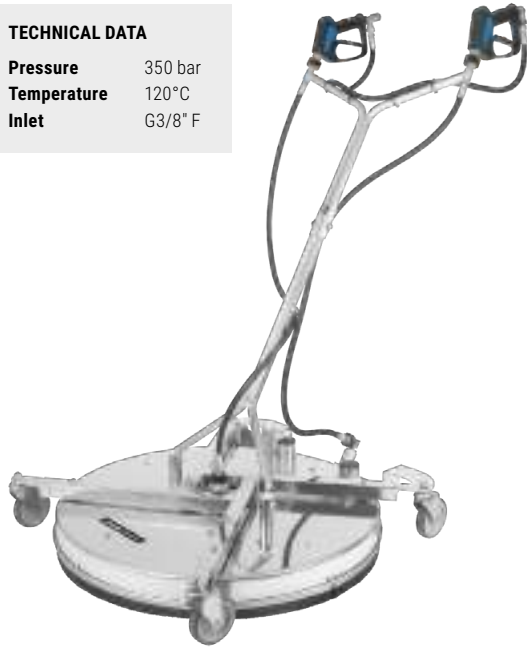
- ✓ Effective and efficient cleaning
- ✓ With fluid recovery system
- ✓ Gum remover bracket

Mosmatic takes the edge off work with the „All-in-one“ cleaning tool. Remove chewing gum from public areas such as sidewalks, train stations, parks and school facilities. The gum will be cut and lifted ready to be recovered. No chemicals needed.



TECHNICAL DATA

Pressure 350 bar
Temperature 120°C
Inlet G3/8" F



FL-AHB-KAU 750

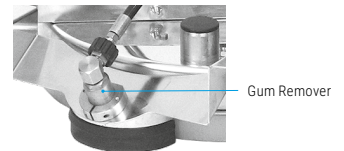
FEATURES

Chewing Gum remover

This special nozzle, uses it's own trigger gun to activate on chewing gum or persistent stains. The high pressure jets impact at a 45° angle to cut and lift the gum.

Available sizes: #3 (29.102), #4 (29.103), #5 (29.119)

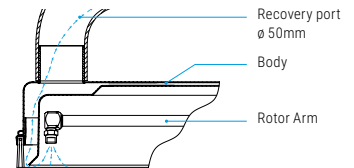
Gum remover nozzle sold separately.



Recovery System

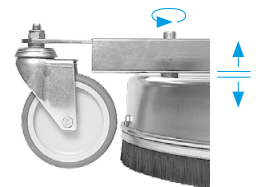
Environmental protection is more important than ever, leading to the need to recycle waste water. The dual housing and vacuum port allow this function.

Residual water and debris can be recovered, recycled and reused.



Adjustable Height

Stainless steel frame for added stability. Optimize your cleaning results with the height adjustable housing.



Stainless Steel Caster (Premium Quality)

Four 100mm stainless steel casters with custom mounting brackets, ensure easy manoeuvring even in confined spaces.

Part No. 80.956

Rotor Arms

Can withstand up to 500 bar, and are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles)

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.946 (ø 470mm) Part No. 82.947 (ø 700mm)

Optional: Part No. 82.9069 (ø 450mm), 1/8"

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYCI Swivel

Part No. 55.253

FL-AHB-KAU 520

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP- Nozzles	HP- Gun	Stainless Steel Caster
FL-AHB-KAU 520	80.766	520	20kg	1x DYCI	2x 1/8" NPTF	2x 1503	2x	4x ø 100
FL-AHK-KAU 520*	80.767	520	20kg	1x DYCI	2x 1/8" NPTF	2x 1503	2x	4x ø 100
FL-AHB-KAU 750	80.768	750	26.5kg	1x DYCI	3x 1/8" NPTF	3x 1503	2x	4x ø 100

* with plastic rim guard, no brush ring

Gum remover nozzle sold separately.

- ✓ Designed for professional cleaning
- ✓ With fluid recovery system
- ✓ High durability
- ✓ Height-adjustable

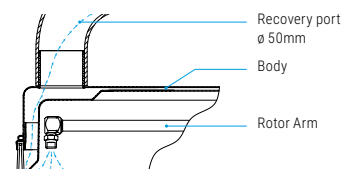


FEATURES

Recovery System

Environmental protection is more important than ever, leading to the need to recycle waste water. The dual housing and vacuum port allow this function.

Residual water and debris can be recovered, recycled and reused.



Adjustable Height

Stainless steel frame for added stability. Height adjustable housing ensures the best cleaning results.



Stainless Steel Caster (Premium Quality)

Four 100mm stainless steel casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.

Part No. 80.956

Rotor Arms

Can withstand up to 500 bar, and are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles)

Part No. 82.946 (ø 470mm), 1/8"

Part No. 82.941 (ø 470mm), 1/4"

Optional: Part No. 82.9069 (ø 450mm), 1/8"

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.947 (ø 700mm)

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYCI Swivel

Part No. 55.253

DYDI Swivel (500 bar)

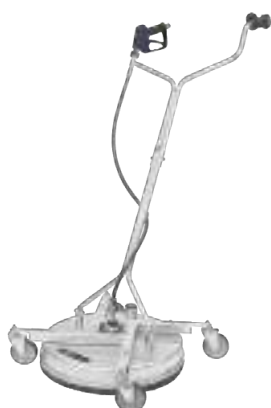
Part No. 55.263

TECHNICAL DATA

Pressure	350 / 500 bar
Temperature	120°C
Inlet	G3/8" F
	G1/4" M



FL-AH 750



FL-AH 520

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP- Nozzles	HP- Gun	Stainless Steel Caster
FL-AH 520	80.764	520	17.5kg	1x DYCI	2x 1/8" NPTF	2x 1503	1x	4x ø 100
FL-AHY 520*	80.188	520	16.9kg	1x DYDI	2x 1/8" NPTF	--	--	4x ø 100
FL-AH 750	80.765	750	23.5kg	1x DYCI	3x 1/8" NPTF	3x 1503	1x	4x ø 100
FL-AHY 750*	80.388	750	23kg	1x DYDI	3x 1/8" NPTF	--	--	4x ø 100

* Pressure: 500 bar / Inlet G1/4" M

WWW.MOSMATIC.COM

- ✓ With fluid recovery system
- ✓ Integrate high quality toggle swivel
- ✓ Ready to use

Mosmatic Allrounder with recovery is ideal for smaller and hard to reach areas both indoors and out. Small compact and lightweight design is ideal for jobs large or small. Using your vac system, water can be recovered, reused or discharged.



TECHNICAL DATA

Pressure 275 bar
Temperature 120°C
Inlet G3/8" F



FL-AER 300



FL-AER 200



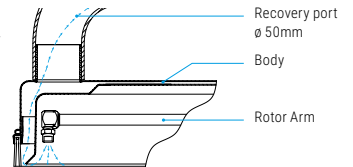
FL-AEB 200

FEATURES

Recovery System

Environmental protection is more important than ever. These recovery units have a double wall housing to optimize vacuum power.

Residual water and debris can be recovered, recycled and reused.



Rotor Arms

Can withstand up to 275 bar, are precision welded and balanced.

2w2 (2 Arms / 2 Nozzles)
 Part No. 82.621 (ø 150mm)

2w2 (2 Arms / 2 Nozzles)
 Part No. 82.623 (ø 250mm)



Proven innovation

Developed by Mosmatic and in service for years, the toggle swivel has proven itself. The toggle joint feature allows effortless cleaning of walls and angled surfaces. The movement of the joint is adjustable for fatigue free cleaning.



KDYF Toggle Swivel

Part No. 58.908

Stainless Steel Caster

Heavy duty ø 60mm casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.



Stainless Steel Caster

Part No. 80.943

Caster for ø 200mm

Part No. 80.922

Name	Part No.	ø	Weight	Swivel	Rotor Arm	Nozzles	HP-Gun	Wheels
FL-AEB 200	78.230	200	2.8kg	1x DYF	2x 1/8" NPTF	2x 1503	1x	--
FL-AER 200	78.240	200	4.2kg	1x KDYF	2x 1/8" NPTF	2x 1503	1x	3x ø 42
FL-AER 300	78.242	300	5.6kg	1x KDYF	2x 1/8" NPTF	2x 1503	1x	3x ø 60

- ✓ **Integrated Recovery**
- ✓ **Stainless Steel Construction**
- ✓ **Temperatures up to 120°C**

New Mosmatic Surface Cleaner Aqua with Integrated Recovery. The dirty water and debris is recovered and expelled with the Venturi principle eliminating the need for vacuum system. Simply place your export hose to a desired drain point. Areas both large and small are cleaned effectively and efficiently without requiring bulky vacuum systems and long runs of hosing.



TECHNICAL DATA

Pressure 275 bar
Temperature 120°C
Inlet G1/4" kM

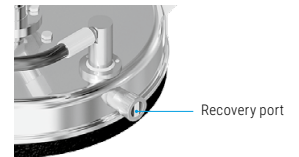


FL-SAR

FEATURES

Integrated Self recovery/export

All in one venture recovery export to allowing cleaning and debris removal in one easy step and without requiring a separate vacuum system.



Rotor Arms

Can withstand up to 275 bar, are precision welded and balanced.

2w2 (2 Arms / 2 Nozzles)
 Part No. 82.9126 (ø 177mm)



Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYF Swivel

Part No. 58.912

Stainless Steel Caster

Heavy duty ø 60mm casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.



Stainless Steel Caster

Part No. 80.943

Brush Ring

Ideal for outdoor applications such as concrete, brick, limestone or wood surfaces.



Name	Part No.	ø	Weight	Swivel	Rotor Arm	Nozzles	HP-Gun	Casters
FL-SAR	78.144	300	4.6kg	1x DYF	2x 1/8" NPTF	--	--	3x ø 60

- ✓ With fluid recovery system
- ✓ Ready to use
- ✓ Designed for higher pressures

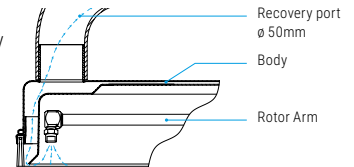


FEATURES

Recovery System

Environmental protection is more important than ever. These recovery units have a double wall housing to optimize vacuum power.

Residual water and debris can be recovered, recycled and reused.



Rotor Arms

Can withstand up to 500 bar, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles)

Part No. 82.321 (ø 150mm) Part No. 82.323 (ø 250mm)

Brush Ring

Ideal for outdoor applications such as concrete, brick, limestone or wood surfaces.



Plastic rim guard

Indoor use, prevents dirt and debris from building up on the rim. Adheres to purity regulation in the food and clinical industries.

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYW Swivel

Part No. 55.020



FL-ABB 300



FL-ABB 200

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP-Nozzles	HP-Gun
FL-ABB 200	78.235	200	2.7kg	1x DYW	2x 1/8" NPTF	2x 1503	1x
FL-ABK 200*	78.236	200	2.8kg	1x DYW	2x 1/8" NPTF	2x 1503	1x
FL-ABB 300	78.237	300	3.2kg	1x DYW	2x 1/8" NPTF	2x 1503	1x
FL-ABK 300*	78.238	300	3.3kg	1x DYW	2x 1/8" NPTF	2x 1503	1x

* with Plastic rim guard

- ✓ **Added lance and holder**
- ✓ **Solid construction**
- ✓ **Height-adjustable**
- ✓ **Quality high pressure swivel**



No mess is too tuff for this machine. This surface cleaner is suitable for cleaning large areas such as: gas stations, parking lots, school yards, public places, platforms, etc. The on-board lance completes this model allowing you to quickly clean corners or rinse down surfaces.



TECHNICAL DATA

Pressure 275 bar
Temperature 120°C
Inlet G3/8" F



FL-PH 750

FEATURES

Two Tools In One

The lance quick connects to the existing HP-gun allowing you to prep your surface, clean corners, rinse over spray and clean other hard to reach areas.



Adjustable Height (FL-PH Series)

Stainless steel frame for added stability. Adjust to compensate for uneven surfaces.



Stainless Steel Caster (Premium Quality)

Four 100mm stainless steel casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.

Part No. 80.956

Rotor Arms

Can withstand up to 275 bar, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles) **3cw3** (3 Arms / 3 Nozzles)

Part No. 82.942 (ø 470mm) Part No. 82.943 (ø 700mm)

Optional: Part No. 82.9069 (ø 450mm), 1/8"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



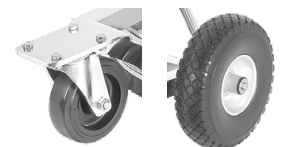
Part No. 55.253

Name	Part No.	ø	Weight	Swivel	Rotor Arm	Lance Nozzle	HP- Nozzles	HP- Gun	Stainless Steel Caster
FL-PH 520	80.754	520	16.2kg	1x DYCI	2x 1/8" NPTF	1x 1506	2x 1503	1x	4x ø 100
FL-PH 750	80.755	750	22.5kg	1x DYCI	3x 1/8" NPTF	1x 1508	3x 1503	1x	4x ø 100

CONTRACTOR „BIG“ FEATURES

Large caster (FL-PB Series)

The quality stainless steel caster and the two pneumatic tires enables easy maneuvering over uneven surfaces like ramps, grates and texturized surfaces.



Name	Part No.	ø	Weight	Swivel	Rotor Arm	Lance Nozzle	HP- Nozzles	HP- Gun	Caster
FL-PB 520	80.675	520	22.5kg	1x DYCI	2x 1/8" NPTF	1x 1506	2x 1503	1x	1x ø 125
FL-PB 750	80.685	750	26.5kg						2x ø 260



FL-PH 520

FL-PB 520

- ✓ Also model up to 500 bar available
- ✓ Maintenance free
- ✓ Quality stainless steel swivel
- ✓ Ready to use



TECHNICAL DATA

Pressure 275 / 500 bar
Temperature 120°C
Inlet G3/8" F
 G1/4" M



FL-CR 750



FL-CR 520

FL-CG 520

FEATURES

Rotor Arms

Can withstand up to 500 bar, are precision welded and balanced.

2cw2 (2 Arms / 2 Nozzles)

Part No. 82.942 (ø 470mm)

Part No. 82.946 (ø 470mm), 1/8", 500 bar

Optional: Part No. 82.941 (ø 470mm), 1/4", 500 bar

Optional: Part No. 82.9069 (ø 450mm), 1/8", 500 bar

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.943 (ø 700mm)



Stainless Steel Caster

Heavy duty ø 60mm casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.



Stainless Steel Caster

Part No. 80.912

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYCI Swivel (275 bar)

Part No. 55.253

DYDI Swivel (500 bar)

Part No. 55.263

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HD- Nozzles	HP- Gun	Stainless Steel Caster
FL-CG 520	80.750	520	10.3kg	1x DYCI	2x 1/8" NPTF	2x 1503	1x	--
FL-CR 520	80.751	520	12.0kg	1x DYCI	2x 1/8" NPTF	2x 1503	1x	4x ø 60
FL-RY 520*	80.158	520	11.5kg	1x DYDI	2x 1/8" NPTF	--	--	4x ø 60
FL-RY 750*	80.358	750	13.5kg	1x DYDI	3x 1/8" NPTF	--	--	4x ø 60
FL-CR 750	80.752	750	15.5kg	1x DYCI	3x 1/8" NPTF	3x 1503	1x	4x ø 60

* Pressure: 500 bar / Inlet G1/4" M

- ✓ Available in various designs
- ✓ Multi-functional, suitable for any surfaces
- ✓ Ready to install

This light weight, multi-functional surface cleaner is suitable for cleaning any flat surface. You can clean walls and stairs as well as sidewalks and decks. The Universal Line is available in several sizes and styles to fit your needs.



TECHNICAL DATA

Pressure 275 bar
Temperature 120°C
Inlet G3/8" F



FL-ER 410

FL-EG 410

FEATURES

Rotor Arms

Can withstand up to 275 bar, and are precision welded and balanced.

2w2 (2 Arms / 2 Nozzles)
 Part No. 82.621 (ø 150mm)

2w2 (2 Arms / 2 Nozzles)
 Part No. 82.623 (ø 250mm)

2w2 (2 Arms / 2 Nozzles)
 Part No. 82.625 (ø 350mm)



Proven Innovation

Developed by Mosmatic and in service for years, the toggle swivel has proven itself. The toggle joint feature allows effortless cleaning of walls and angled surfaces. The movement of the joint is adjustable for fatigue free cleaning.



KDYF Toggle Swivel

Part No. 58.908

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYF Swivel

Part No. 58.000

Stainless Steel Caster

Heavy duty ø 60mm casters with custom mounting brackets ensure easy maneuvering and longevity.



Stainless Steel Caster

Part No. 80.943



FL-ER 300

FL-EG 300

FL-EG 200

FL-EB 200

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP- Nozzles	HP- Gun	Lance	Stainless Steel Caster
FL-EB 200	78.200	200	1.9kg	1x DYF	2x 1/8" NPTF	2x 1503	1x	---	---
FL-EG 200	78.210	200	2.4kg	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	---
FL-EG 300	78.212	300	3.2kg	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	---
FL-ER 300	78.222	300	4.3kg	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	3x ø 60
FL-EG 410	78.214	410	4.7kg	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	---
FL-ER 410	78.224	410	5.9kg	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	3x ø 60

- ✓ Steam cleaned surfaces are flash dry
- ✓ Huge time saving
- ✓ Mosmatic quality swivel and rotor arm
- ✓ Adjustable drive and impact angle



FEATURES

High quality swivel

The heart of a Mosmatic Steaminator is the swivel which is reinforced with self lubricating, stainless steel ball bearings and a high temperature seal system. The DXF is specially designed for high revolutions to ensure long lasting durability. Both STM models come with our patented swivel. This swivel is perfect for cleaning many surfaces including walls while remaining flush to the surface.



KDXF Toggle Swivel for ø300

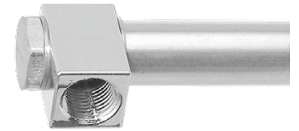
Part No. 38.905

DXF Swivel for ø200

Part No. 38.904

Rotor arm

The adjustable rotor arm allows the user to change the spray angle and the impact on the surface being cleaned.



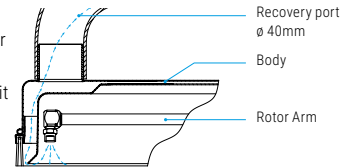
2s2 (2 Arms / 2 Nozzles)

Part No. 88.935 (ø 150mm)

Part No. 88.936 (ø 250mm)

Recovery System

The double walled housing and reclaim port allow you to attach your vacuum system to the unit. This decreases drying time and allows the user to recover and recycle the used liquid and residue, making it an eco-friendly alternative to cleaning with just one lance.



Polyamide Casters

The casters allow free movement in any direction while keeping the nozzles an even distance from the cleaning surface. Fatigue is therefore reduced while saving you time and energy.



Polyamide Caster

Part No. 80.986 (for ø200 and ø300)

Splash protection

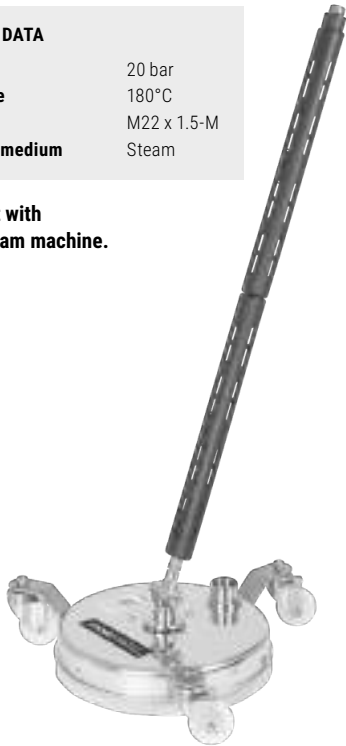
The plastic rim guard prevents over spray and flying debris. It is extremely effective thanks to the wavy design.



TECHNICAL DATA

Pressure	20 bar
Temperature	180°C
Inlet	M22 x 1.5-M
Throughput medium	Steam

Works best with a 10kW steam machine.



STM 300



STM 200

Name	Part No.	ø	Swivel	Rotor arm	Nozzles	PA Casters	Weight
STM 200	78.091	200	1x DXF	2x 1/8"	2x 18.50290	3x ø60	2.6 kg
STM 300	78.191	300	1x KDXF	2x 1/8"	2x 18.50290	3x ø60	4.0 kg

Steam gun not included.

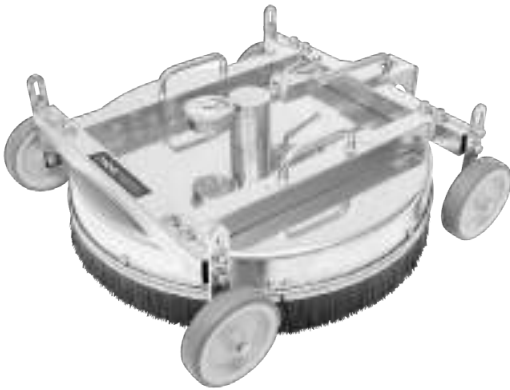
- ✓ Height and width adjustable
- ✓ Quad bearing swivel
- ✓ For professional roof cleaners

The roof cleaner is an industrial quality tool can be used quickly and efficiently as the operator stands safely on the ridge. Security, stability as well as cleaning results are emphasized. This stainless steel unit will provide optimal performance under harsh conditions. Deck height and wheel width are adjustable giving you an advantage when cleaning different styled roofs.



TECHNICAL DATA

Pressure 275 / 500 bar
Temperature 120°C
Inlet M22x1.5-M
 G1/4" F

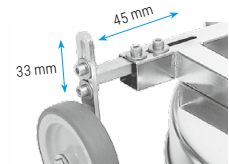


DR-520

FEATURES

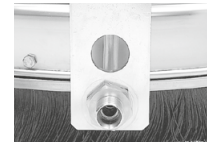
Height and width adjustable

The DR-520. Width is adjustable up to 90mm and 33mm in height. Will work for most roof designs adding safety and stability.



Safety Eye

Allows you to easily secure the roof cleaner with a safety rope or cable.



Pressure Gauge

Use the pressure gauge to monitor your cleaning pressure. This allows you to ensure proper pressure when cleaning a variety of roofing materials.



Ball Valve

Makes it easy and convenient to turn off the flow to the unit.



Rotor Arms

Can withstand up to 275 bar or 500 bar, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles / 275 bar)

Part No. 82.942 1/8" (ø 470mm)
 Part No. 82.975 1/4" (ø 470mm)

2cw2 (2 Arms / 2 Nozzles / 500 bar)

Part No. 82.941 1/4" (ø 470mm)

Swiss Engineering

High rpm stainless steel swivel features 4x reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYU Swivel (500 bar)

Part No. 59.916

DYT Swivel (350 bar)

Part No. 59.907

Height adjusters long

Add an additional 60 mm height if needed. e.g. for corrugated roofs.

Part No. 904.351 (1 pcs)
 Requires 4 pieces



Pedal switch

For additional safety, Mosmatic recommends you turn your flow on and off using the optional pedal switch.



Part No. 80.987

Name	Part No.	ø	Width	Height	Weight	Rotor Arm	HP-Nozzles
DR-520	80.651	520	550-640	195-228	14.5kg	2x 1/8" NPTF	---
DR-520*	80.662	520	550-640	195-228	14.5kg	2x 1/8" NPTF	---

* Pressure: 500 Bar / Inlet G1/4" F

- ✓ Ergonomical and versatile
- ✓ 6 different cleaning angles
- ✓ Easy to maneuver
- ✓ Ready to use

With the new Hurricane Pro model, you are not only able to clean underneath vehicles, you also have the ability to pivot the spray deck which allows for multiple cleaning angles. The adjustable angles allow "all-around" cleaning of construction equipment, fleet vehicles, boats or agricultural machines using just one model undercarriage cleaner. Use this new cleaning tool from Mosmatic with either hot or cold pressure washer.



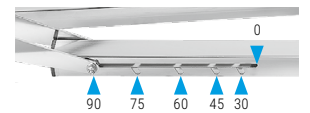
TECHNICAL DATA

Pressure 275 bar
Temperature 120°C
Inlet G3/8" F

HURRICANE PRO FEATURES

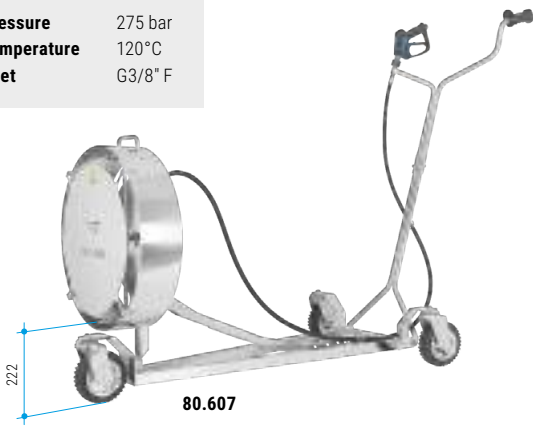
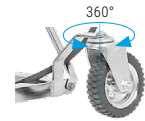
Cleaning angles

The Hurricane Pro cleaner offers the ability to pivot the spray deck which allows for multiple cleaning angles. Deck adjustment from 0° to maximum 90°.



Large casters (HURp Series)

Three large casters make your cleaning job easier with full range of motion, allowing you to maneuver even on rough surfaces.

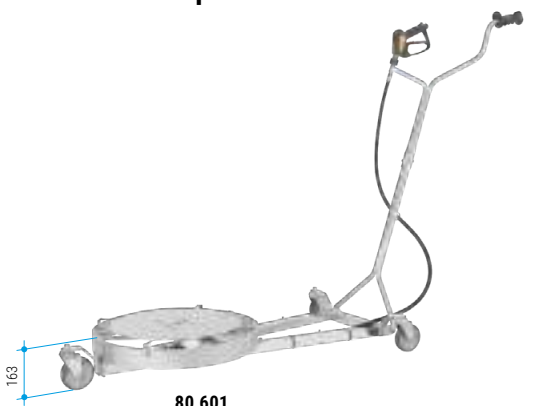


80.607
HURp-520

Hurricane Pro

Name	Part No.	ø	min. Clearance	Weight	HP-Nozzles	LP-Nozzles	HP-Gun	Casters
HURp-520	80.607	520	225mm	31.0kg	2x 18.030EG	--	1x	3x ø150
HURpz-520	80.608	520	225mm	34.0kg	2x 18.030EG	4x 18.1503	2x	3x ø150

Other nozzles sizes please order separately.



80.601
HUR-520

HURRICANE FEATURES

Stabilizer nozzles

With the stabilizer nozzle, you can increase the distance and pressure impact to your surface. Standard on 80.603, 80.604 and 80.607.



HP-Nozzles

Standard HP, 15° nozzles are used to achieve the cleaning on the object. These nozzles are used on the models 80.601 and 80.602.



Rotor Arms

Can withstand up to 275 bar, are precision welded and balanced.



Part No. 82.891 ø 470

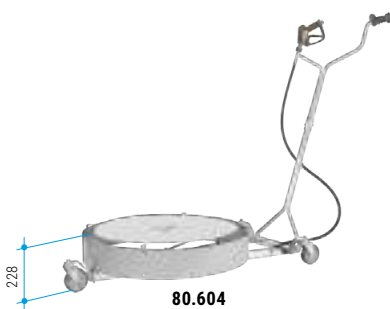
Part No. 82.9014 ø 700

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 58.553



80.604
HUR-750

Hurricane

Name	Part No.	ø	min. Clearance	Weight	HP-Nozzles	HP-Gun	Caster/Wheels
HUR-520	80.601	520	165mm	15.0kg	2x 18.1503	1x	1x ø60, 2x ø100
HUR-750	80.602	750	165mm	19.0kg	3x 18.1503	1x	1x ø60, 2x ø100
HUR-520	80.603	520	230mm	17.5kg	2x 18.030EG	1x	1x ø60, 2x ø100
HUR-750	80.604	750	230mm	20.6kg	3x 18.030EG	1x	1x ø60, 2x ø100

Other nozzles sizes please order separately.

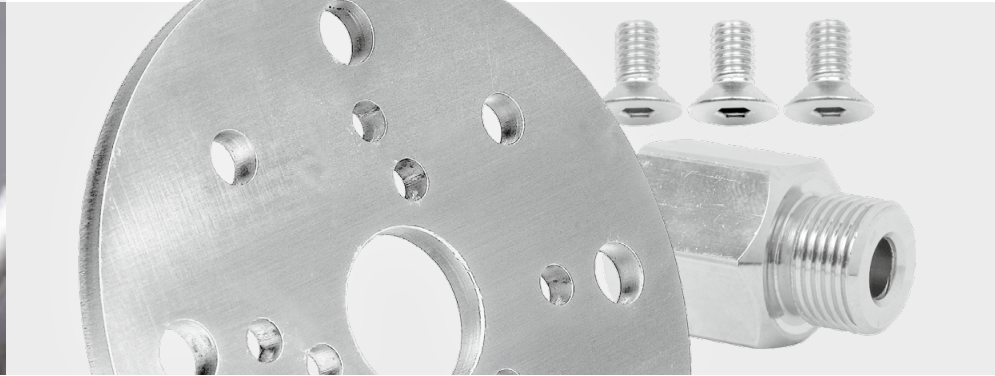
Important: Do not use unprotected!

SURFACE CLEANER CONVERSION KIT

- ✓ Cost effective upgrade
- ✓ Easy to assemble

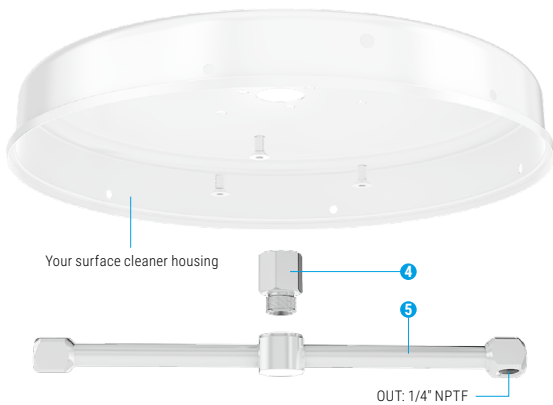
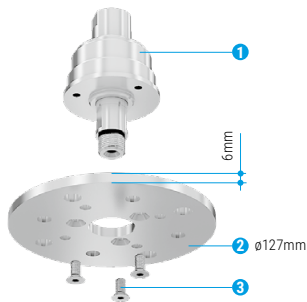


For those of you who do not currently own a Mosmatic and wish to upgrade your equipment. The conversion kit will allow you to replace the important "working parts" of your surface cleaner with Mosmatic high quality components.



TECHNICAL DATA

Pressure 350 bar
Temperature 120°C
Inlet G3/8" F



FEATURES

Adapter plate

The universal mounting plate allows you to mount the Mosmatic swivel on your existing housing. The plate has pre-drilled holes and adapts to most other brands of surface cleaners.



Extension fitting

The adapter is used to reduce the distance of the nozzle to the cleaning surface. Depending on the existing housing height, it may be necessary to use this optional adapter. The adapter will reduce the distance by 22mm.



Mounting bolts

Includes 3 bolts for fastening the adapter plate to swivel.



Conversion Kit

Name	Part No.	Includes
FL-Z	55.903	2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter

FEATURES

Swivel

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Rotor Arms

Can withstand up to 350 bar, are precision welded and balanced.



ALL-IN-ONE PACKAGES

Includes the above Conversion Kit 55.903, a swivel and rotor arm of your choice.

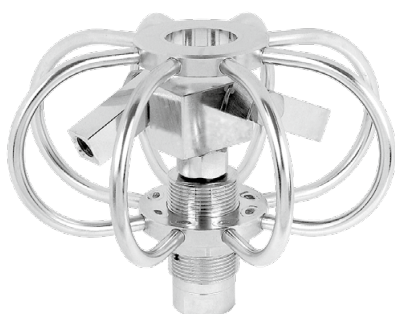
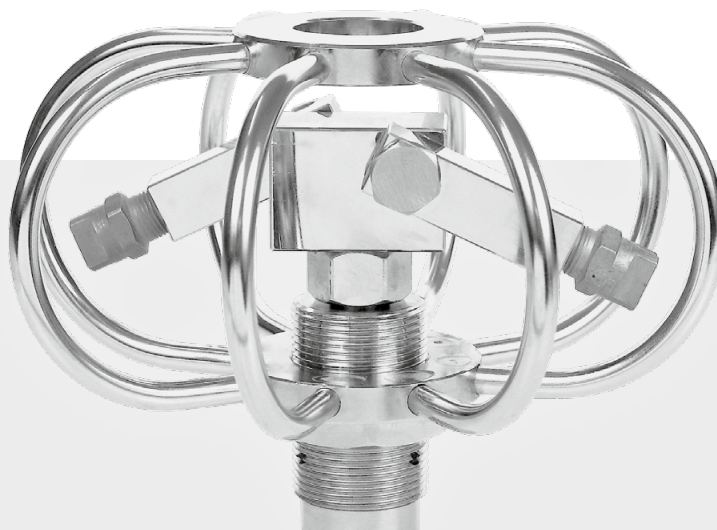
Name	Part No.	Includes
FL-Z	55.910	1 DYC Swivel, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter, 5 Rotor Arm TKA 2w2¼ ø 300
FL-Z	55.911	1 DYC Swivel, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter, 5 Rotor Arm TKA 2w2¼ ø 400
FL-Z	55.912	1 DYC Swivel, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter, 5 Rotor Arm TKA 3w3¼ ø 450

Nozzles not included.

- ✓ Easy installation
- ✓ Self rotating and stainless steel
- ✓ Adjustable and non adjustable versions
- ✓ Protection plate available
- ✓ Maintenance free



Clean vent hoods, trash chutes, pipes, totes, manholes and most containers. This self rotating unit is completely maintenance free. The rotating head spins within the protective cage directing the high pressure spray to your surface. The installation is simple and fast.



(81.522)

* Nozzles not included.

Important:
Do not use unprotected!

TYR *adjustable*

The adjustable arms allow different spray angles. Perfect for horizontal ducts and tanks.

warm water		cold water		ø	IN	Height	Weight
TYR-2s	TYR-3s	TRR-2s	TRR-3s				
Part No.	Part No.	Part No.	Part No.				
81.501	81.701	85.501	85.701	75	G1/4" F	60	0.5kg
81.502	81.702	85.502	85.702	75	G3/8" F	60	0.5kg
81.521	81.721	85.521	85.721	150	G1/4" F	70	0.8kg
81.522	81.722	85.522	85.722	150	G3/8" F	70	0.8kg
81.551	81.751	85.551	85.751	300	G1/4" F	70	1.1kg
81.552	81.752	85.552	85.752	300	G3/8" F	70	1.1kg
81.561	81.761	85.561	85.761	400	G1/4" F	70	1.3kg
81.562	81.762	85.562	85.762	400	G3/8" F	70	1.3kg
81.571	81.771	85.571	85.771	500	G1/4" F	70	1.6kg
81.572	81.772	85.572	85.772	500	G3/8" F	70	1.6kg
81.581	81.781	85.581	85.781	600	G1/4" F	70	1.8kg
81.582	81.782	85.582	85.782	600	G3/8" F	70	1.8kg



(81.422)

* Nozzles not included.

Important:
Do not use unprotected!

TYR *fixed*

The non adjustable arms with fixed spray angle is perfect for vertical chutes.

warm water		cold water		ø	IN	Height	Weight
TYR-2f	TYR-3f	TRR-2f	TRR-3f				
Part No.	Part No.	Part No.	Part No.				
81.401	81.601	85.401	85.601	75	G1/4" F	60	0.5kg
81.402	81.602	85.402	85.602	75	G3/8" F	60	0.5kg
81.421	81.621	85.421	85.621	150	G1/4" F	70	1.0kg
81.422	81.622	85.422	85.622	150	G3/8" F	70	1.0kg
81.451	81.651	85.451	85.651	300	G1/4" F	70	1.3kg
81.452	81.652	85.452	85.652	300	G3/8" F	70	1.3kg
81.461	81.661	85.461	85.661	400	G1/4" F	70	1.5kg
81.462	81.662	85.462	85.662	400	G3/8" F	70	1.5kg
81.471	81.671	85.471	85.671	500	G1/4" F	70	1.6kg
81.472	81.672	85.472	85.672	500	G3/8" F	70	1.6kg
81.481	81.681	85.481	85.681	600	G1/4" F	70	1.8kg
81.482	81.682	85.482	85.682	600	G3/8" F	70	1.8kg

TECHNICAL DATA

Pressure	275 bar	Nozzles	2f/2s for 2x 1/8" Nozzles* 3f/3s for 3x 1/8" Nozzles*
Temperature	TYR 120°C / TRR 30°C	Throughput	ph 3 - 12
Inlet	see chart		
Body	stainless steel		
RPM	TYR 2000 rpm / TRR 1000 rpm		

- ✓ Complete solution
- ✓ Delivered ready to install
- ✓ Ergonomic design

This complete cleaning lance with rotating spinner head was designed to clean tanks, plastic containers, trash cans and portable toilets. There are three nozzles included with the spinner head. Two are adjustable nozzles and are located on the side and one on the end of the unit. Side cleaning nozzles also prevent forward blowback.



TECHNICAL DATA

Pressure 275 bar
Temperature 120°C
Inlet G3/8" F
Throughput ph 3 - 12

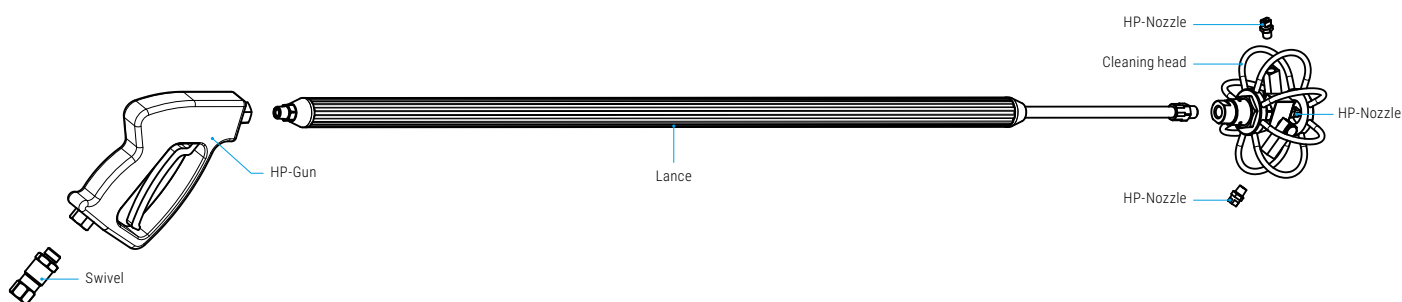


TRL Lance

with swivel

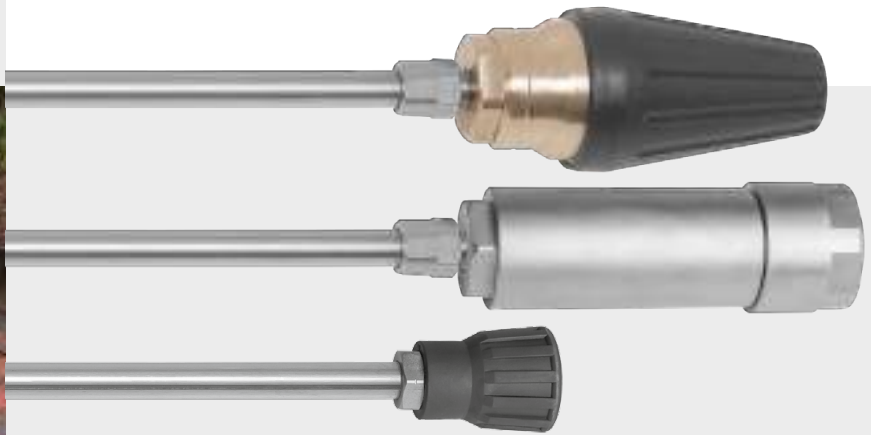
Part No.	IN	Swivel	Length	ø	HP-Nozzles	Weight
81.926	G3/8" F	yes	1570	150	3x 18.05020	2.5kg

Important: Do not use unprotected!



- ✓ HP-Gun with relax action and swivel
- ✓ Variable handle
- ✓ With different nozzles available

The Mosmatic standard wands made of high quality stainless steel are no available with special nozzles. It can be chosen between Lance with Turbo Nozzle, with Chewing gum remover nozzle or with the Standard Mosmatic Nozzle. The solid construction and the unique workmanship ensure longevity and value.



TECHNICAL DATA

Pressure 275 bar
Temperature 120°C
Nominal width 6
Throughput ph 3 - 12



HP Rotor-Lance

Part No.	Total length	WS	DG	Nozzle	Weight
24.918	1330	---	yes	14.915	2.1kg

Inlet G3/8" F, WS=Weep System, DG=Swivel



HP Gum-Lance

Part No.	Total length	WS	DG	Nozzle	Weight
24.928	1320	---	yes	29.119	2.0kg

Inlet G3/8" F, WS=Weep System, DG=Swivel



HP Standard-Lance

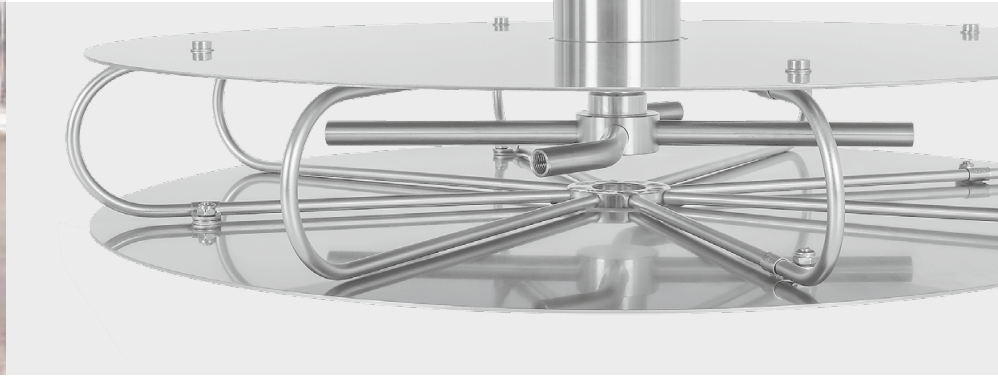
Part No.	Total length	WS	DG	Nozzle	Weight
24.938	1240	---	yes	---	1.5kg

Inlet G3/8" F, WS=Weep System, DG=Swivel

Important: Do not use unprotected!

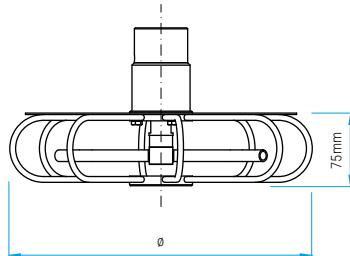
- ✓ With protection plate
- ✓ Optimal cleaning of vertical main
- ✓ Easy to use

Mosmatic Manhole cleaner is ideal for the restoration, cleaning and service of manholes, liftstations and other long verticle drops. Easy to use self rotating equipment made for higher flow rates. Stainless Steel protection plate included. Choose from a variety of sizes.



TECHNICAL DATA

Pressure 170 bar
Temperature 120°C
Inlet G1/2" F
Body stainless steel
Nozzles for 2x 1/8"*
Throughput ph 3 - 12



TXS-2f with protective plate

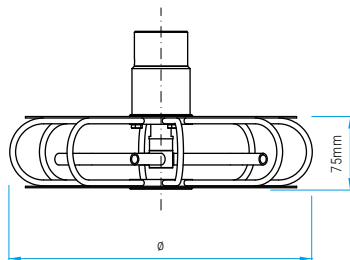
Part No.	ø	Weight
81.033	300	3.7kg
81.043	400	4.4kg
81.053	500	5.3kg
81.063	600	6.4kg
81.083	800	9.5kg

* Nozzles not included.

Important: Do not use unprotected!

TECHNICAL DATA

Pressure 170 bar
Temperature 120°C
Inlet G1" F
Body stainless steel
Nozzles for 4x 1/8"*
Throughput ph 3 - 12



TXS-4f with double protective plate

Part No.	ø	Weight
81.937	400	5.4kg
81.938	500	7.0kg

* Nozzles not included.

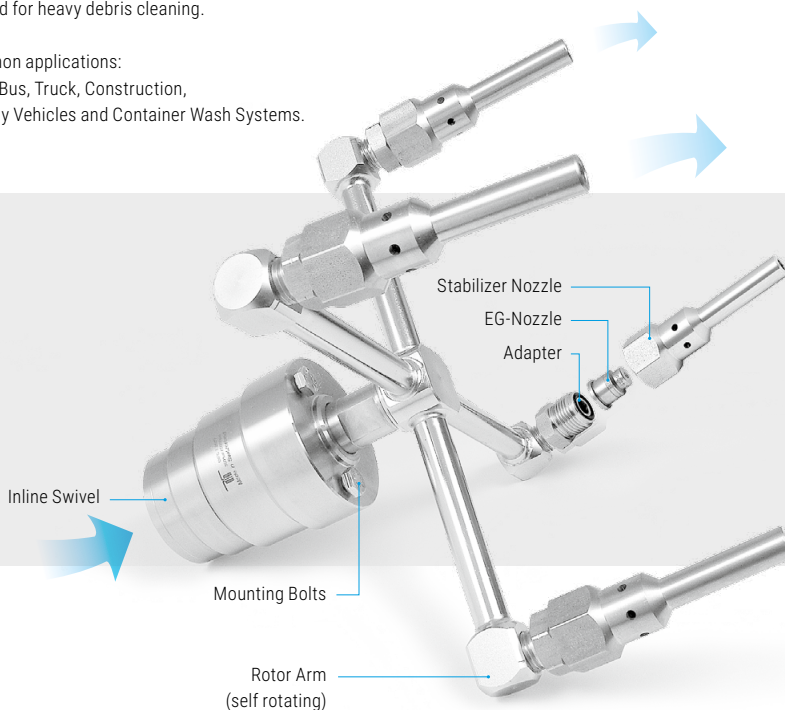
Important: Do not use unprotected!

- ✓ Complete hydro-driven head for vehicle washes
- ✓ Long range impact stabilizer nozzles
- ✓ Stainless steel construction
- ✓ High and low volume versions available



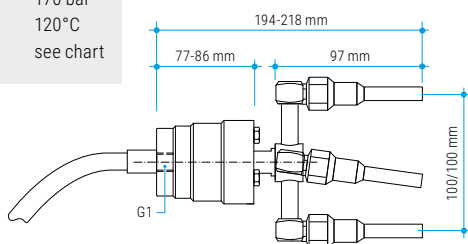
This rotary-head equipped with four stabilizer nozzles makes it possible to clean all kinds of surfaces from a further distance without pressure loss. Air injection nozzles expand and contain the water flow allowing longer distance of travel and provide that "punch impact" needed for heavy debris cleaning.

Common applications:
Train, Bus, Truck, Construction,
Military Vehicles and Container Wash Systems.



TECHNICAL DATA

Pressure 170 bar
Temperature 120°C
Inlet see chart



Complete Cleaning Head Spider

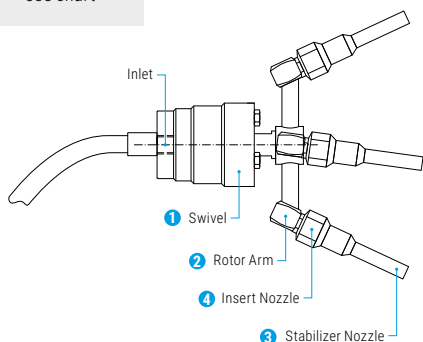
Part No.	G1 (F)	NW	Swivel	25° Rotor Arm	Stab. Nozzle/Adapter	Insert Nozzle	Bolts
81.929	G3/8" F	9	DXTIs (39.603)	4w4 (82.954)	4x 14.901	--- *	3 Units
81.930	G1/2" F	12	DXTIs (39.805)	4w4 (82.9084)	4x 14.901	--- *	3 Units
81.931	G3/4" F	12	DXTIs (39.906)	4w4 (82.9084)	4x 14.901	--- *	3 Units
81.932	G1" F	12	DXTIs (39.908)	4w4 (82.9084)	4x 14.901	--- *	3 Units

* Requires 4x EG-nozzles, according to your pump specifications

TECHNICAL DATA

Pressure DYT 275 bar
DXTI 170 bar
Temperature 120°C
Inlet see chart

Design your personal Spider.
Choose the swivel, rotor arm and
the nozzles to suit your needs.
Follow the numbers **1-4**.



Individual 3/8" Cleaning Head Spider

1 Swivel (Inlet)	2 Rotor Arm (Diameter)	3 Stab. Nozzle Adapter	4 Insert Nozzle
59.103 DYT (G3/8" F)	82.9110 TKA 2w2 1/4" 11°/25° (100)	14.901	18.020EG
59.603 DYT (G3/8" F)	82.9111 TKA 2w2 1/4" 11°/25° (150)		18.030EG
	82.9112 TKA 2w2 1/4" 11°/25° (200)		18.040EG
	82.9113 TKA 4w4 1/4" 11°/25° (100/100)		18.050EG
	82.9114 TKA 4w4 1/4" 11°/25° (150/150)		18.060EG
	82.9115 TKA 4w4 1/4" 11°/25° (200/200)		18.070EG
			18.080EG
			18.090EG

Individual 1/2" Cleaning Head Spider

1 Swivel (Inlet)	2 Rotor Arm (Diameter)	3 Stab. Nozzle Adapter	4 Insert Nozzle
39.805 DXTI (G1/2" F)	82.9120 TKA 2w2 1/4" 11°/25° (100)	14.901	18.100EG
39.906 DXTI (G3/4" F)	82.9121 TKA 2w2 1/4" 11°/25° (150)		18.110EG
39.908 DXTI (G1" F)	82.9122 TKA 2w2 1/4" 11°/25° (200)		18.120EG
	82.9123 TKA 4w4 1/4" 11°/25° (100/100)		18.140EG
	82.9124 TKA 4w4 1/4" 11°/25° (150/150)		18.160EG
	82.9125 TKA 4w4 1/4" 11°/25° (200/200)		18.180EG
			18.200EG

FEATURES

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Rotor Arms

Can withstand up to 275 bar, are precision welded and balanced.



Stabilizer Nozzles

The Mosmatic Stabilizer nozzles included with your Spider ensure the effectiveness of your cleaning by increasing the distance and impact of your spray.



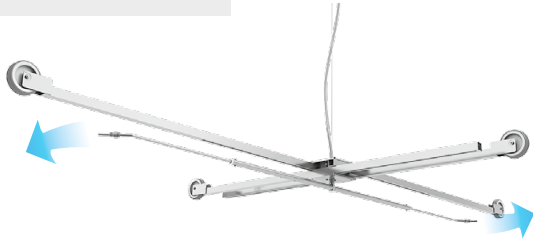
- ✓ Adjusts to your application
- ✓ Equipped with stabilizer nozzles
- ✓ Completely maintenance-free

Mosmatic has a solution for cleaning Silo's and other large diameter verticle drops. The extendable arms with rollers help guide and maintain a close surface cleaning impact. Simply attach a suspension cable to the eyelets and use your winch to raise and lower the Silo Cleaner. Stabilizer nozzles increase the cleaning distance and impact and maintain a more concentrated spray pattern. Stainless steel construction and maintenance free design help to ensure long life and reliability.



TECHNICAL DATA

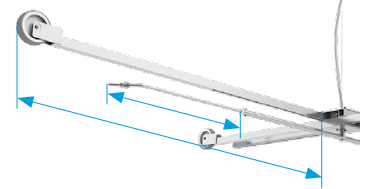
Pressure 170 bar
Temperature 120°C
Inlet G1/2" F



FEATURES

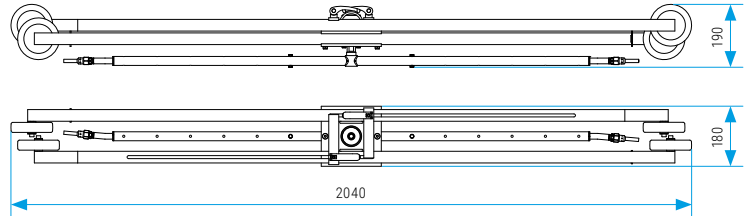
Variable Lengths

The length of the rotating arm is easily adjusted from 2040 up to 3500mm.



Foldable

Folding the Silo Cleaner allows for a tight fit into the Silo loading port.



Stabilizer Nozzles

The Mosmatic Stabilizer nozzles included with your Silo Cleaner ensure the effectiveness of your cleaning by increasing the distance and impact of your spray.



Swivel

High rpm stainless steel swivel features reinforced self lubricated quadruple bearing system for improved performance and longevity. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Silo-R

Part No.	Length/Width	Height	Rotor Arm	Nozzles	Wheels	Weight
81.091	2040 - 3500mm	210mm	82.9036	2x 18.050EG	4x ø 100	25kg

- ✓ Available with weep option
- ✓ Ergonomically molded
- ✓ Optional relax action

Mosmatic offers a wide variety of high pressure trigger guns. From our relax action guns that offer 90% reduced holding and 40% less trigger force to models with built in live swivels. Standard and Weep model designs are also available.



Mosmatic HP Gun «Aero»

Pressure: 275 bar, Temperature: 150°C
IN G3/8" F, OUT G1/4" F

Part No.	WSV	Groove	Weight
29.045	---	---	0.5kg
29.034	yes	---	0.5kg
29.092	---	yes	0.5kg
29.037	yes	yes	0.5kg

Mosmatic HP Gun «Mono»

Pressure: 210 bar, Temperature: 150°C
IN G3/8" F, OUT G1/4" F

Part No.	WSV	Groove	Weight
29.118	---	---	0.6kg
29.120	---	yes	0.6kg

Mosmatic HP Gun «Nano»

Pressure: 275 bar, Temperature: 150°C
IN G3/8" F, OUT G1/4" F

Part No.	WSV	Groove	Free flow	Weight
29.053	---	---	---	0.8kg
29.054	yes	---	---	0.8kg
29.117	---	yes	---	0.8kg
29.967	---	---	yes	0.8kg



HP Gun «Starlet»

Pressure: 250 bar, Temperature: 150°C
IN G3/8" F, OUT G1/4" F

Part No.	WSV	Groove	Weight
29.049	---	---	0.8kg
29.033	yes	---	0.8kg
29.093	---	yes	0.8kg
29.036	yes	yes	0.8kg



Mosmatic HP Gun «Neo»

Temperature: 150°C
IN G3/8" F, OUT G1/4" F

Part No.	WSV	RA	DG	Pressure	Color	Weight
29.100	---	---	---	310 bar	orange	0.6kg
29.094	---	yes	---	350 bar	blue	0.6kg
29.104	---	yes	---	500 bar	red	0.6kg
29.131	---	yes	yes	350 bar	blue	0.6kg
29.133	yes	yes	yes	350 bar	blue	0.6kg

RA = Relax-Action

Temperature: 150°C
IN G1/2" F, OUT G1/2" F

Part No.	WSV	RA	DG	Pressure	Color	Weight
29.135	---	---	---	600 bar	blau	0.7kg

RA = Relax-Action



Adaptor with sieve

Part No.	IN / OUT	Mesh count	SW	Weight
53.001	G3/8" F / G3/8" M	50	22	0.06kg
53.002	G3/8" F / G3/8" M	200	22	0.06kg
53.005	G1/2" F / G1/2" M	50	27	0.06kg
53.006	G1/2" F / G1/2" M	200	27	0.06kg



WWW.MOSMATIC.COM

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position, WSV = weep system

- ✓ Polished stainless steel
- ✓ Solid yet light construction
- ✓ Precision welded and balanced

High pressure rotor arms are constructed of stainless steel and come in a variety of configurations. Welded and balanced to eliminate dangerous vibrations and ensure smooth performance.

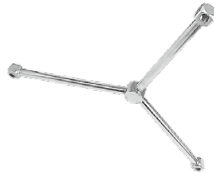


Important:
Do not use rotor arms unprotected!



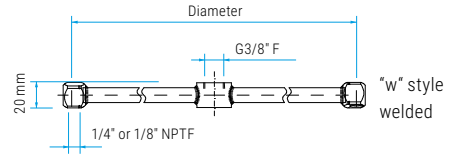
TKA-2w2 (for two nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.705	82.805	100 mm
82.706	82.806	150 mm
82.707	82.807	200 mm
82.708	82.808	250 mm
82.709	82.809	300 mm
82.710	82.810	350 mm
82.711	82.811	400 mm
82.712	82.812	450 mm
82.713	82.813	500 mm
82.714	82.814	550 mm
82.715	82.815	600 mm



TKA-3w3 (for three nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.765	82.865	100 mm
82.766	82.866	150 mm
82.767	82.867	200 mm
82.768	82.868	250 mm
82.769	82.869	300 mm
82.770	82.870	350 mm
82.771	82.871	400 mm
82.772	82.872	450 mm
82.773	82.873	500 mm
82.774	82.874	550 mm
82.775	82.875	600 mm



TKA-2w3 (for three nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.720	82.820	100 mm
82.721	82.821	150 mm
82.722	82.822	200 mm
82.723	82.823	250 mm
82.724	82.824	300 mm
82.725	82.825	350 mm
82.726	82.826	400 mm
82.727	82.827	450 mm
82.792	82.892	470 mm
82.728	82.828	500 mm
82.729	82.829	550 mm
82.730	82.830	600 mm



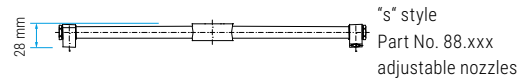
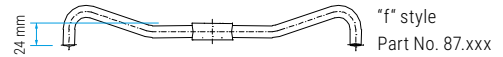
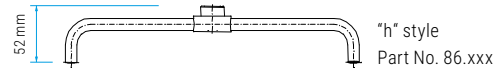
TKA-4w4 (for four nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.731	82.831	200/200 mm
82.733	82.833	350/200 mm
82.735	82.835	400/150 mm
82.737	82.837	400/250 mm
82.742	82.842	470/350 mm
82.743	82.843	500/350 mm

TKA-4w5 (for five nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.746	82.846	200/200 mm
82.748	82.848	350/200 mm
82.750	82.850	400/150 mm
82.752	82.852	400/250 mm
82.757	82.857	470/350 mm
82.758	82.858	500/350 mm

Other styles



Matching swivel are models: DYT, DYCI, DYF, DYG, DYL

Mosmatic offers a variety of hardened stainless steel high pressure nozzles. All wash jet nozzles (Meg) are available in various sizes and spray angles. Standard nozzles are 1/8" & 1/4" NPTM, spray angles 0°, 5°, 15° & 25° and sizes 2 through 10.

Nozzles not included.

TECHNICAL DATA

Pressure	275 bar (27.5 MPa) also available as 500 bar (50 MPa)
Temperature	120°C
Body & pipe	stainless steel
IN	G3/8" F
OUT (for nozzles)	1/4" NPTF / 1/8" NPTF
Throughput medium	pH 3-12

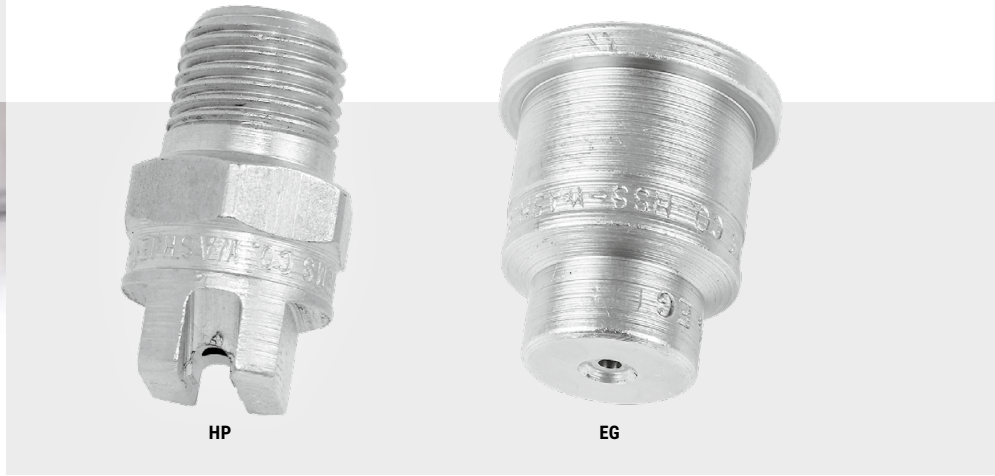
Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

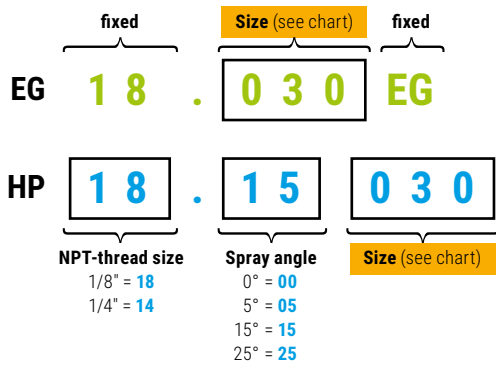
- ✓ 1/8", 1/4" and EG available
- ✓ Stainless steel
- ✓ Various spray angles

Mosmatic offers a variety of hardened stainless steel high pressure nozzles. All HP nozzles (Meg) are available in various sizes and spray angles. Standard nozzles are 1/8" & 1/4" NPT Male, spray angles 0°, 5°, 15° & 25° and sizes 2 through 10.

All EG nozzles, for use with stabilizer nozzles, have a 0° spray angle and are available from size 2 - 20.



Your Part No.



Nozzle recommendation (2 to 5 Nozzles)

Pump capacity	Quantity of Nozzles / Pressure in bar:				
	Size	2 Nozzles	3 Nozzles	4 Nozzles	5 Nozzles
1000 l/h (16.5 l/min.)	020	-	140	80	50
	025	200	90	50	-
	030	140	60	40	-
	040	80	40	-	-
1250 l/h (20 l/min.)	020	-	-	130	90
	025	-	150	90	60
	030	-	110	60	40
	040	160	60	30	-
	050	100	40	-	-
1500 l/h (25 l/min.)	020	-	-	190	120
	025	-	-	120	80
	030	-	150	80	60
	040	190	80	50	-
	045	150	70	40	-
	050	120	50	-	-
1750 l/h (30 l/min.)	020	-	-	-	160
	025	-	-	160	100
	030	-	200	110	70
	040	-	110	60	40
	050	160	70	40	-
	060	110	50	-	-
	070	80	30	-	-
2000 l/h (33 l/min.)	020	-	-	-	210
	025	-	-	210	130
	030	-	-	150	90
	040	-	150	80	50
	050	200	100	50	-
	060	150	60	40	-
	070	100	50	-	-
	080	80	40	-	-
2500 l/h (40 l/min.)	025	-	-	-	220
	030	-	-	240	150
	040	-	230	130	90
	050	-	150	90	50
	060	230	110	60	40
	070	180	80	40	-
	080	130	60	-	-
	090	100	50	-	-
	3000 l/h (50 l/min.)	030	-	-	-
040		-	-	190	120
050		-	220	120	80
060		-	160	80	50
070		240	110	60	-
080		190	90	40	-
090		150	70	-	-
100		120	60	-	-

Nozzle recommendation (1 Nozzle)

Size	Flow rate in (l/min) at:												
	20 bar	25 bar	30 bar	35 bar	40 bar	50 bar	60 bar	70 bar	100 bar	150 bar	200 bar	275 bar	350 bar
020	2.0	2.3	2.5	2.7	2.9	3.2	3.5	3.8	4.6	5.6	6.4	7.4	8.3
030	3.1	3.4	3.7	4.0	4.3	4.8	5.3	5.7	6.8	8.4	9.7	11.4	12.6
040	4.1	4.6	5.0	5.4	5.8	6.4	7.1	7.6	9.1	11.2	12.9	15.6	17.5
045	4.6	5.1	5.6	6.1	6.5	7.3	7.9	8.6	10.3	12.6	14.5	16.6	18.7
050	5.1	5.7	6.2	6.7	7.2	8.1	8.8	9.5	11.4	14.0	16.1	18.8	21.2
055	5.6	6.3	6.9	7.4	7.9	8.9	9.7	10.5	12.5	15.4	17.7	20.6	23.4
060	6.1	6.8	7.5	8.1	8.6	9.7	10.6	11.4	13.7	16.7	19.3	22.6	25.5
065	6.6	7.4	8.1	8.8	9.4	10.5	11.5	12.4	14.8	18.1	21.0	24.5	27.5
070	7.1	8.0	8.7	9.4	10.1	11.3	12.4	13.3	16.0	19.5	23.0	26.0	29.3
075	7.6	8.5	9.4	10.1	10.8	12.1	13.2	14.3	17.1	21.0	24.0	28.1	31.6
080	8.2	9.1	10.0	10.8	11.5	12.9	14.1	15.3	18.2	22.0	26.0	30.0	33.7
090	9.2	10.3	11.2	12.1	13.0	14.5	15.9	17.2	21.0	25.0	29.0	33.5	37.8
100	10.2	11.4	12.5	13.5	14.4	16.1	17.7	19.1	23.0	28.0	32.0	37.6	42.1
150	15.3	17.1	18.7	20.0	22.0	24.0	26.0	29.0	34.0	42.0	48.0	56.0	63.0
200	20.0	23.0	25.0	27.0	29.0	32.0	35.0	38.0	46.0	56.0	64.0	74.7	84.1



Ceramic nozzle

Part No.	IN	Angle	Size
29.076	G3/8" F	80°	040



Steam nozzle

Part No.	IN	Angle	ø
18.50290	1/8" NPTM	50°	2.9



Foam nozzle

Part No.	IN	Angle	Size
18.50400	1/8" NPTM	50°	400

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Cut cleaning time half
- ✓ Wider coverage with a 0° spray
- ✓ High impact up to 415 bar

The Mosmatic Turbo Nozzle increases your Cleaning coverage. The 0 degree rotation creates a penetrating chiselling action, saving you time and money. Use this high pressure upgrade solution for hard surface applications such as concrete, graffiti removal or mud-encrusted vehicles. Turbo nozzles increase cleaning efficiency as much as 200% compared to a flat fan nozzle.



Turbo Nozzle «Rex»

Part No.	IN	Size	Color	max. Press.	max. Temp.	Weight
14.913	G1/4" F	3.0	gelb	415 bar	90° C	0.3kg
14.914	G1/4" F	4.0	braun			
14.915	G1/4" F	6.0	rot			
14.916	M18-F	5.5	blau			
14.917	M18-F	7.0	rosa			
14.918	M18-F	8.0	orange			

Other sizes upon request.

Nozzle recommendation (1 nozzle)

Nozzle Orifice Size	Pressure in bar														
	35	40	50	55	70	100	140	170	205	240	275	310	350	380	415
2.0	2.7	2.9	3.2	3.4	3.8	4.5	5.3	6.1	6.4	7.2	7.6	8.0	8.3	8.7	9.1
2.5	3.4	3.8	3.8	4.2	4.9	6.1	6.8	7.6	8.3	8.7	9.5	10.2	10.6	11.0	11.7
3.0	4.2	4.5	4.9	5.3	5.7	6.8	8.0	9.1	9.8	10.6	11.4	12.1	12.9	13.3	14
3.5	4.9	5.3	5.7	6.1	6.8	8.3	9.5	10.6	11.7	12.5	13.3	14	14.8	15	16
4.0	5.3	6.1	6.4	6.8	7.6	9.5	10.6	12.1	13.2	14	15	16	17	18	19
4.5	6.1	6.4	7.2	7.6	8.7	10.6	12.1	13.6	14.8	16	17	18	19	20	21
5.0	6.8	7.2	8.0	8.3	9.5	11.7	13.3	15	16	18	19	20	21	22	23
5.5	7.2	8.0	8.7	9.5	10.6	12.9	14.8	16	18	19	21	22	23	24	25
6.0	8.0	8.7	9.5	10.2	11.4	14	16	18	20	21	23	24	25	27	28
6.5	8.7	9.5	10.2	11.0	12.5	15	17	19	21	23	25	26	28	29	30
7.0	9.5	10.2	11.0	11.7	13.2	16	19	21	23	25	27	28	30	31	33
7.5	10.2	11.0	11.7	12.9	14.4	17	20	22	25	27	28	30	32	33	35
8.0	10.6	11.7	12.9	13.6	15	19	22	24	26	28	30	32	34	36	37
9.0	12.1	13.3	14.4	15	17	21	24	27	30	32	34	36	38	40	42
10	13.3	14.8	16	17	19	23	27	30	33	36	38	40	42	44	46
12	16	17	19	20	23	28	32	36	39	42	45	48	51	53	56
15	20	22	24	25	28	35	40	45	49	53	57	60	64	67	70

Important: Always start turbo nozzles in down position. Do not use unprotected!

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position



Our goal:

To provide quality and reliability in design and performance.

ROTARY UNIONS

Car Wash Industry

Rim cleaning, self-service car wash, undercarriage or touchless wash systems, Mosmatic swivels have been a source for all major manufacturers.



High Pressure Cleaning Industry

With a proven design portfolio, Mosmatic offers a complete line of low and high rpm designs. From product advancements to exotic applications such as sea water we can assist, provide or design something for you.



Hydraulics and Pneumatics

Provide longer life and reliability to your hydraulic or high pressure hose applications with Mosmatic large variety of swivels.



Industrial Cleaning

With clean compact low profile designing, Mosmatic swivels can be integrated into many different application and installation areas. Don't compromise performance and design when we can assist with the right union for your needs.



 OPTIMAL  ALTERNATIVE

Application	DGK	DGV	DGVI	DGZ	DGS	DKS	DGE	DGEI	DGR	WDG	WDB	WDC	WDEI	WDRS	DGL	DGG	DGF	DXL	DYG	DXF	DXTI	DXLS	DXGS	DXFS	DYL	DYG	DYF	DYW	DYCI/DYDI	DYTDYU	DYKI	QVS	
Agriculture																																	
Automatic carwashes																																	
Bus/Train/Truck wash systems																																	
Ceiling Boom																																	
Container wash																																	
Conveyor belt cleaning																																	
Duct cleaning																																	
Fire Service																																	
Fishnet cleaning																																	
Fleet wash																																	
Food Industry																																	
Hose																																	
Hose reels																																	
HP-Cleaner																																	
HP-Guns																																	
Hydraulic																																	
Lances																																	
Mining Industry																																	
Municipal vehicle																																	
Paint Industry																																	
Parts washer																																	
Pipe cleaning																																	
Pneumatic																																	
Salt water																																	
Self-rotating application																																	
Surface Cleaner																																	
Tire cleaning																																	
Touchless carwash																																	
Tunnel wash systems																																	
Wheel washer																																	

If you don't see your application on the chart, please contact us.

Inline + 90° Swivels	Nominal width	Seal System	Pressure max. (bar)	RPM max. (rpm)	Temp. max. °C	Type	Page
Swivel, single bearing system, short	NW 4 - 6.4	O-ring	275	30	120	DGK	58
Swivel, single bearing system	NW 6 - 9		275	30	120	DGV	59
Swivel, single bearing system	NW 6 - 9		500	30	120	DGVI	60
Swivel, single bearing system	NW 6		275	30	120	DGZ	61
Swivel, dual bearing system	NW 6 - 9		275	30	120	DGS	62
Swivel coupling, single bearing system	NW 4 - 6.4		250	30	120	DKS	63
Hi flo Swivel, single bearing system	NW 10 - 36		275	30	120	DGE	64
Hi flo Swivel, triple bearing system	NW 10 - 36		350	30	120	DGEI	65
Hi flo Swivel, quadruple bearing system	NW 16 - 50		10-200	70-200	5-80	DGR	66

90° Swivels

90° Swivel	NW 7 - 13	O-ring	150/275	30	90/120	WDG	67
90° Swivel, dual bearing system	NW 7 - 10		275	30-200	120	WDB	68
90° Swivel, dual bearing system	NW 12		275	30-200	120	WDC	69
90° Swivel, dual bearing system	NW 7-11		200/400	30	120	WDEI	70
Hi flo 90° Swivel, dual bearing system	NW 9 - 50		10-200	60-150	5-80	WDRS	71

High RPM Swivels

Swivel, triple bearing system	NW 6 - 9	O-ring	275	1000	30	DGL	72
Swivel, triple bearing system, with bulkhead fitting	NW 6 - 9		275	1000	30	DGG	73
Swivel, triple bearing system, with flange	NW 6 - 9		275	1000	30	DGF	74

Swivel, triple bearing system	NW 6	Ceramic	170	2000	5-120	DXL	75
Swivel, triple bearing system	NW 6		20	1000	180	DXLS / DXGS DXFS	76
Swivel, triple bearing system, with bulkhead fitting	NW 6		170	2000	5-120	DXG	77
Swivel, triple bearing system, with flange	NW 6		170	2000	5-120	DXF	78
Swivel, quadruple bearing system	NW 6 - 12		170	2000	120	DXTI	79

Swivel, triple bearing system	NW 6	Carbide	275	2000	120	DYL	80
Swivel, triple bearing system, with bulkhead fitting	NW 6 - 9		275	2000	120	DYG	81
Swivel, triple bearing system, with flange	NW 6		275	2000	120	DYF	82
Swivel, triple bearing system	NW 6		350	2000	120	DYW	83
Swivel, triple bearing system	NW 6 - 9		350/500	2000	120	DYCI / DYDI	84
Swivel, quadruple bearing system	NW 6 - 9		350/500	2000	120	DYT / DYU	85
Swivel, quadruple bearing system	NW 6 - 9		350	2000	120	DYKI	86

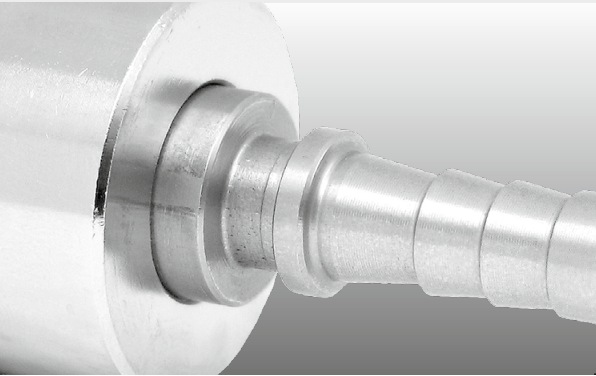
Accessories

Quick connection	QVS	87
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Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.

- ✓ Live swivel, low torque
- ✓ Maintenance free
- ✓ Guaranteed easy rotation at maximum pressure
- ✓ Compact design



Application

HP-Guns, hose connections, hydraulics, tangle-free applications

TECHNICAL DATA

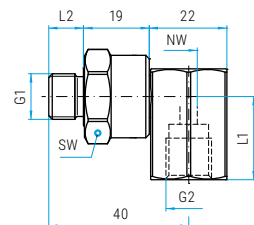
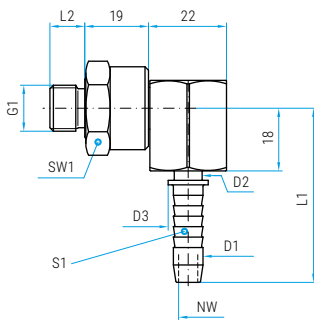
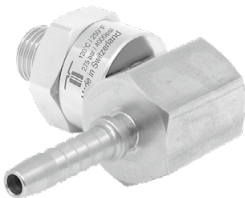
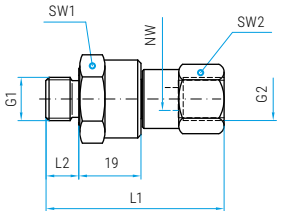
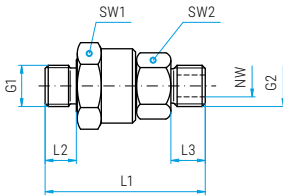
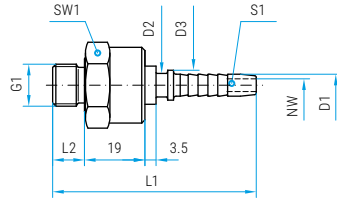
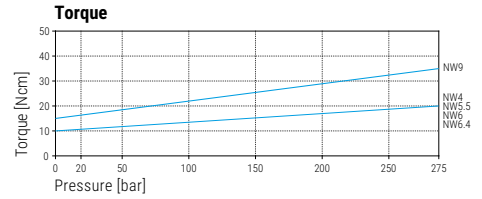
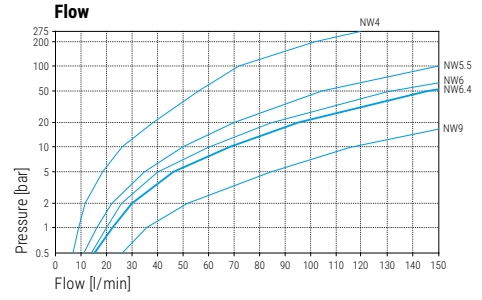
Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM max. 30 rpm

Body stainless steel
brass, nickel plated

Inner part stainless steel
Seal O-ring NBR
(optional: EPDM or FKM)

Bearing 1x thrust ball bearing

Throughput medium pH 3 - 12
10 µm filtered
20 bar compressed air



DGK

Part No.	G1 (M)	S1	NW	SW1	L1	L2	D1	D2	D3	Weight
32.031	G1/4" M	6 (1/4")	4	24	64	10	6.9	7.4	9.4	80g
32.032	G1/4" M	8 (5/16")	5.5	24	66	10	8.4	8.6	11.2	80g
32.039	G1/4" M	10 (3/8")	6.4	24	68	10	10.1	9	12	80g
32.131	G3/8" M	6 (1/4")	4	24	64	10	6.9	7.4	9.4	90g
32.132	G3/8" M	8 (5/16")	5.5	24	66	10	8.4	8.6	11.2	80g
32.139	G3/8" M	10 (3/8")	6.4	24	68	10	10.1	9	12	90g

DGK (single bearing, compact)

Part No.	G1 (M)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.001	G1/4" M	G1/4" M	6	24	19	51	10	11	90g
32.003	G1/4" M	G3/8" M	6	24	19	52	10	12	110g
32.007	G1/4" M	M18x1.5 M	6	24	19	49	10	10	90g
32.101	G3/8" M	G1/4" M	6	24	19	51	10	11	110g
32.103	G3/8" M	G3/8" M	6	24	19	52	10	12	110g
32.107	G3/8" M	M18x1.5 M	6	24	19	49	10	10	100g

Part No.	G1 (M)	G2 (F)	NW	SW1	SW2	L1	L2	Weight
32.002	G1/4" M	G1/4" F	6	24	19	54	10	110g
32.102	G3/8" M	G1/4" F	6	24	19	54	10	110g
32.104	G3/8" M	G3/8" F	6	24	22	55	10	130g

DGK 90°

Part No.	G1 (M)	S1	NW	SW1	L1	L2	D1	D2	D3	Weight
32.331	G1/4" M	6 (1/4")	4	24	49.5	10	6.7	7.3	10	150g
32.332	G1/4" M	8 (5/16")	5.5	24	51.5	10	8.4	9	12	150g
32.339	G1/4" M	10 (3/8")	6.4	24	53.5	10	10.7	10.7	13.5	170g
32.431	G3/8" M	6 (1/4")	4	24	49.5	10	6.7	7.3	10	160g
32.432	G3/8" M	8 (5/16")	5.5	24	51.5	10	8.4	9	12	160g
32.439	G3/8" M	10 (3/8")	6.4	24	53.5	10	10.7	10.7	13.5	200g

DGK 90°

Part No.	G1 (M)	G2 (F)	NW	SW1	L1	L2	Weight
32.541	G1/4" M	G1/4" F	5	24	24	10	160g
32.542	G1/4" M	G3/8" F	5	24	27	10	160g
32.546	G3/8" M	G1/4" F	5	24	24	10	170g
32.547	G3/8" M	G3/8" F	5	24	27	10	170g

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ Live rotation under maximum pressure
- ✓ Single bearing system
- ✓ Stainless steel internal parts
- ✓ Corrosion resistant
- ✓ Reinforced inner shaft and bearings
- ✓ Maintenance free

Application

HP-Guns, hose connections, hydraulics, tangle-free applications

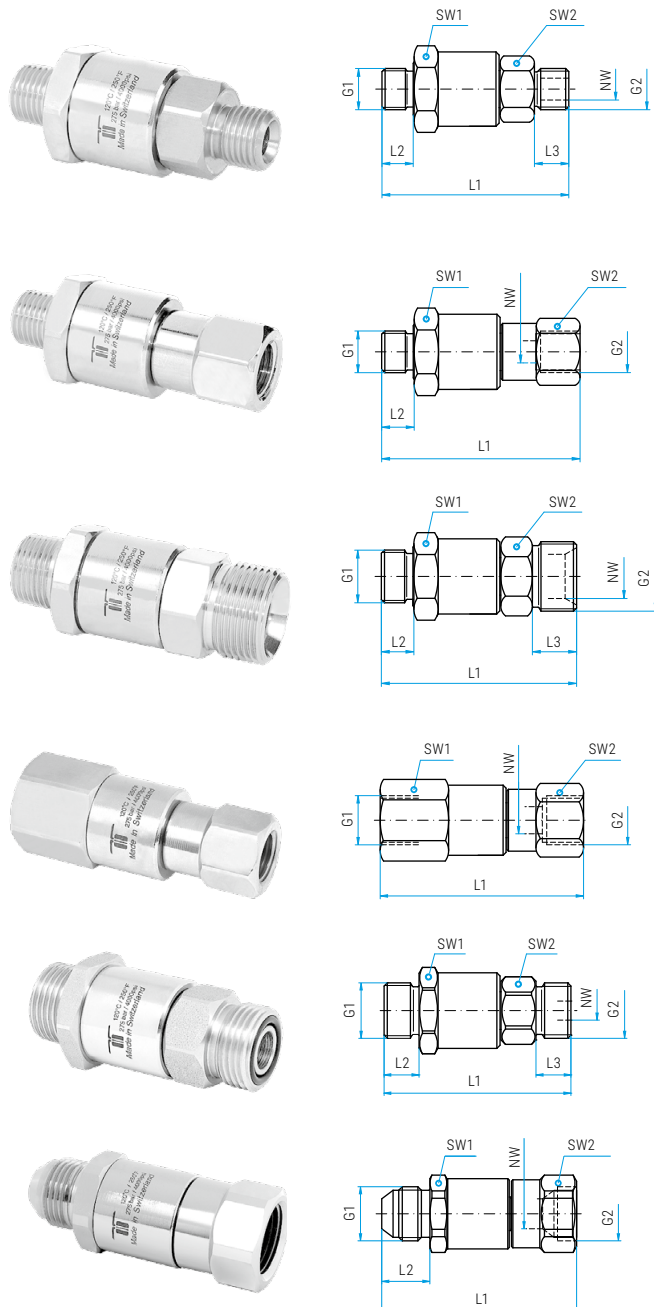
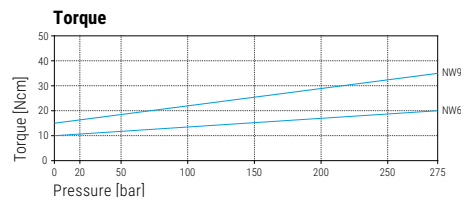
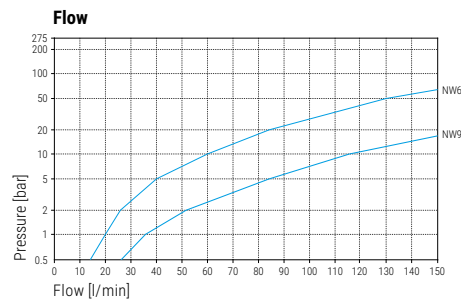
TECHNICAL DATA

Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM max. 30 rpm

Body stainless steel
brass, nickel plated

Inner part stainless steel
Seal O-ring NBR
(optional: EPDM or FKM)
Bearing 1x thrust ball bearing

Throughput medium pH 3 - 12
10 µm filtered
20 bar compressed air



DGV

Part No.	G1 (M)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.511	G1/4" M	G1/4" M	6	24	19	60	10	11	130g
32.513	G1/4" M	G3/8" M	6	24	19	61	10	12	130g
32.531	G3/8" M	G1/4" M	6	24	19	60	10	11	140g
32.533	G3/8" M	G3/8" M	6	24	19	61	10	12	140g
32.831	G1/2" M	G3/8" M	9	27	19	68	15	12	210g
32.833	G1/2" M	G1/2" M	9	27	27	72	15	15	230g

Part No.	G1 (M)	G2 (F)	NW	SW1	SW2	L1	L2	Weight
32.512	G1/4" M	G1/4" F	6	24	19	63	10	140g
32.514	G1/4" M	G3/8" F	6	24	22	64	10	160g
32.532	G3/8" M	G1/4" F	6	24	19	63	10	150g
32.534	G3/8" M	G3/8" F	6	24	22	64	10	170g
32.834	G1/2" M	G1/2" F	9	27	27	75	15	230g

Part No.	G1 (M)	G2 (QV)	NW	SW1	SW2	L1	L2	L3	Weight
32.517	G1/4" M	M18x1.5 M	6	24	19	58	10	10	130g
32.518	G1/4" M	M21x1.5 M	6	24	22	62	10	14	140g
32.519	G1/4" M	M22x1.5 M	6	24	22	62	10	14	150g
32.537	G3/8" M	M18x1.5 M	6	24	19	58	10	10	140g
32.538	G3/8" M	M21x1.5 M	6	24	22	62	10	14	150g
32.539	G3/8" M	M22x1.5 M	6	24	22	62	10	14	160g
32.839	G1/2" M	M22x1.5 M	9	27	22	69	15	14	230g

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
32.582	G1/4" F	G1/4" F	6	24	19	67	180g
32.584	G1/4" F	G3/8" F	6	24	22	68	190g
32.592	G3/8" F	G1/4" F	6	24	19	68	190g
32.594	G3/8" F	G3/8" F	6	24	22	69	190g

DGV Face seal

Part No.	G1 (M)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.571	11/16"-16UN	11/16"-16UN	6	24	22	59	11	11	140g
32.871	13/16"-16UN	13/16"-16UN	9	27	24	62	11	11	170g

DGV Hydraulic

Part No.	G1 (M)	G2 (F)	NW	SW1	SW2	L1	L2	Weight
32.926	3/4" JIC M	3/4" JIC F	9	25	25	69	17	170g

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

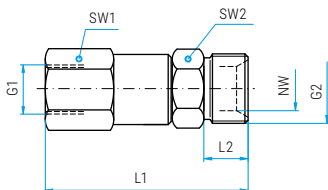
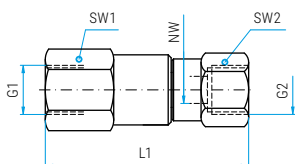
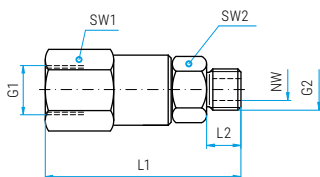
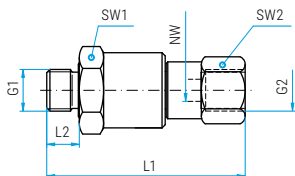
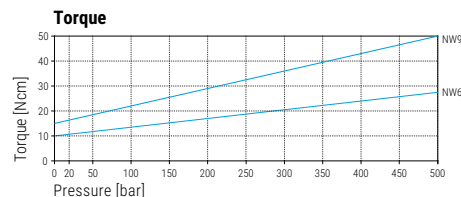
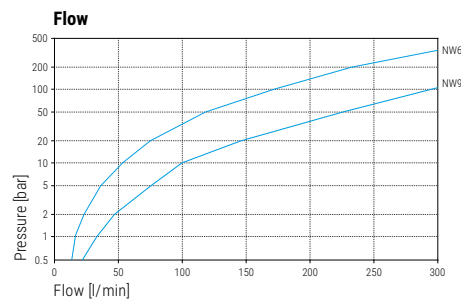
- ✓ Live rotation under maximum pressure
- ✓ Complete stainless steel construction
- ✓ Single bearing system
- ✓ Corrosion resistant
- ✓ Maintenance free

Application

HP-guns, high pressure hose reels, hydraulics, tangle-free applications

TECHNICAL DATA

Pressure 500 bar (50 MPa)
Temperature 120°C
RPM max. 30 rpm
Body stainless steel
Inner part Seal stainless steel
 O-ring NBR
 (optional: EPDM or FKM)
Bearing 1x thrust ball bearing
Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DGVI

Part No.	G1	G2 (F)	NW	SW1	SW2	L1	L2	Weight
32.702	G1/4" kM	G1/4" F	6	24	19	54	10	150g
32.724	G3/8" kM	G3/8" F	6	24	22	56	10	160g
32.734	G3/8" M	G3/8" F	6	24	22	64	10	170g
32.814	G1/2" M	G1/2" F	9	27	27	75	15	250g

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
32.781	G1/4" F	G1/4" M	6	24	19	64	11	160g
32.783	G1/4" F	G3/8" M	6	24	19	65	12	170g

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
32.782	G1/4" F	G1/4" F	6	24	19	66	190g
32.784	G1/4" F	G3/8" F	6	24	22	68	200g

Part No.	G1 (F)	G2 (QV)	NW	SW1	SW2	L1	L2	Weight
32.787	G1/4" F	M18x1.5 M	6	24	19	62	10	140g
32.788	G1/4" F	M21x1.5 M	6	24	22	66	14	150g
32.789	G1/4" F	M22x1.5 M	6	24	22	66	14	160g

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

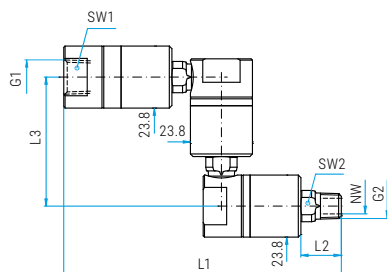
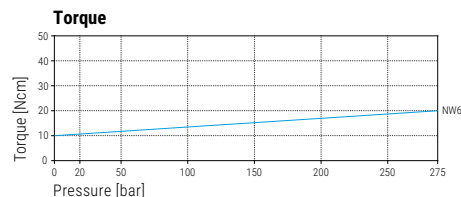
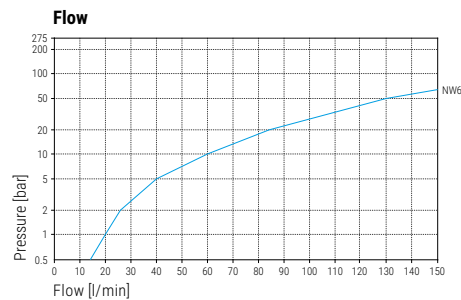
- ✓ Full range of articulation
- ✓ Single bearing system
- ✓ Reinforced inner shaft
- ✓ Maintenance free

Application

Improves the mobility of hoses, HP- gun, paint spray guns and other multi directional uses

TECHNICAL DATA

Pressure	275 bar (27.5 MPa)
Temperature	120°C
RPM	max. 30 rpm
Body	stainless steel brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing
Throughput medium	pH 3 - 12 10 µm filtered 20 bar compressed air



DGZ

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.916	G1/4" F	G1/4" M	6	19	19	113	22	50	430g
32.918	G1/8" F	G1/8" M	6	19	10	102	15	50	400g

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Very low torque
- ✓ Sealed stainless steel bearings
- ✓ Maintenance free
- ✓ Easy rotation at maximum pressure

Application

High and low pressure cleaning, hose connections, ceiling booms, hydraulic

TECHNICAL DATA

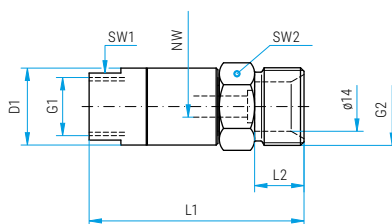
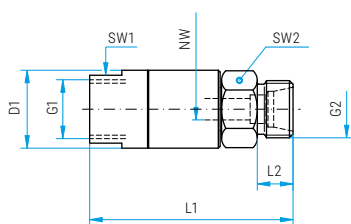
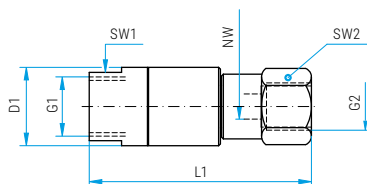
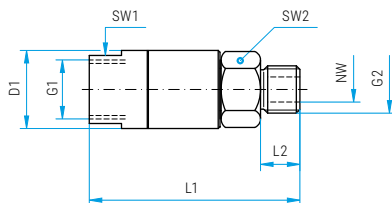
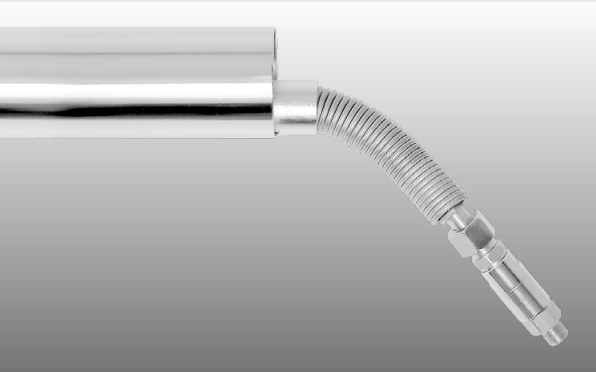
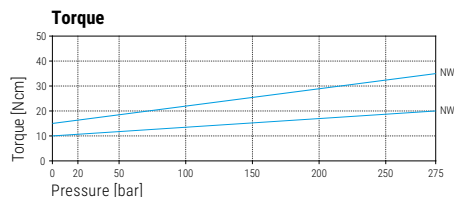
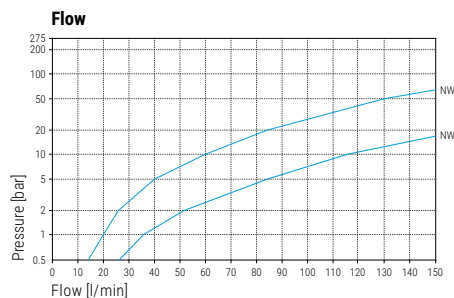
Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM max. 30 rpm

Body brass, nickel plated

Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)

Bearing 1x thrust ball bearing
 1x radial ball bearing

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DGS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
30.001	G1/4" F	G1/4" M	6	19	19	59	11	22	120g
30.003	G1/4" F	G3/8" M	6	19	19	60	12	22	130g
30.101	G3/8" F	G1/4" M	6	22	19	59	11	25	120g
30.103	G3/8" F	G3/8" M	6	22	19	60	12	25	130g
30.603	G3/8" F	G3/8" M	9	22	19	62	12	25	140g

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	D1	Weight
30.002	G1/4" F	G1/4" F	6	19	19	62	22	130g
30.004	G1/4" F	G3/8" F	6	19	22	63	22	150g
30.102	G3/8" F	G1/4" F	6	22	19	62	25	140g
30.104	G3/8" F	G3/8" F	6	22	22	63	25	150g
30.604	G3/8" F	G3/8" F	9	22	22	65	25	160g

Part No.	G1 (F)	G2 (SV)	NW	SW1	SW2	L1	L2	D1	Weight
30.005	G1/4" F	M14x1.5 M	6	19	17	57	10	22	110g
30.006	G1/4" F	M16x1.5 M	6	19	19	57	10	22	120g
30.007	G1/4" F	M18x1.5 M	6	19	19	57	10	22	120g
30.105	G3/8" F	M14x1.5 M	6	22	17	57	10	25	120g
30.106	G3/8" F	M16x1.5 M	6	22	19	57	10	25	120g
30.107	G3/8" F	M18x1.5 M	6	22	19	57	10	25	120g
30.607	G3/8" F	M18x1.5 M	9	22	19	59	10	25	130g

Part No.	G1 (F)	G2 (QV)	NW	SW1	SW2	L1	L2	D1	Weight
30.008	G1/4" F	M21x1.5 M	6	19	22	61	14	22	140g
30.009	G1/4" F	M22x1.5 M	6	19	22	61	14	22	140g
30.108	G3/8" F	M21x1.5 M	6	22	22	61	14	25	120g
30.109	G3/8" F	M22x1.5 M	6	22	22	61	14	25	150g

33.910	Seal kit NW 6
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Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ Live rotation under maximum pressure
- ✓ Single bearing system
- ✓ Self-lubricating ball bearings
- ✓ Easy to install

Application

High pressure cleaning, hose connections, quick coupling

TECHNICAL DATA

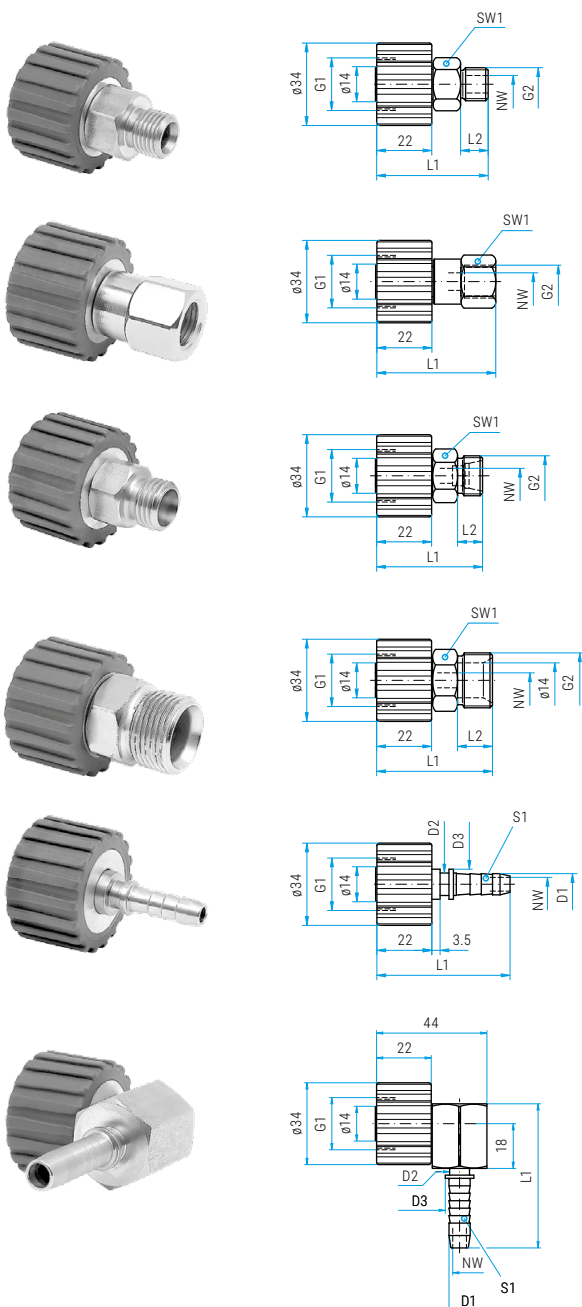
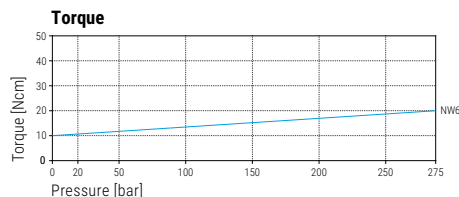
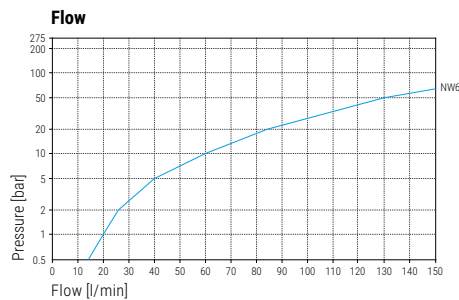
Pressure 250 bar (25 MPa)
Temperature 120°C
RPM max. 30 rpm

Body brass, nickel plated

Inner part Seal stainless steel
 O-ring NBR
 (optional: EPDM or FKM)

Bearing 1x thrust ball bearing

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DKS

Part No.	G1 (QV)	G2 (M)	NW	SW1	L1	L2	Weight	Color
70.001	M21x1.5 F	G1/4" M	6	19	45	11	100g	grey
70.003	M21x1.5 F	G3/8" M	6	19	46	12	100g	grey
70.101	M22x1.5 F	G1/4" M	6	19	45	11	100g	red
70.103	M22x1.5 F	G3/8" M	6	19	46	12	110g	red

Part No.	G1 (QV)	G2 (F)	NW	SW1	L1	Weight	Color
70.002	M21x1.5 F	G1/4" F	6	19	48	110g	grey
70.004	M21x1.5 F	G3/8" F	6	22	49	130g	grey
70.102	M22x1.5 F	G1/4" F	6	19	48	120g	red
70.104	M22x1.5 F	G3/8" F	6	22	49	130g	red

Part No.	G1 (QV)	G2 (SV)	NW	SW1	L1	L2	Weight	Color
70.005	M21x1.5 F	M14x1.5 M	6	17	43	10	100g	grey
70.006	M21x1.5 F	M16x1.5 M	6	19	43	10	100g	grey
70.007	M21x1.5 F	M18x1.5 M	6	19	43	10	100g	grey
70.105	M22x1.5 F	M14x1.5 M	6	17	43	10	100g	red
70.106	M22x1.5 F	M16x1.5 M	6	19	43	10	100g	red
70.107	M22x1.5 F	M18x1.5 M	6	19	43	10	100g	red

Part No.	G1 (QV)	G2 (QV)	NW	SW1	L1	L2	Weight	Color
70.008	M21x1.5 F	M21x1.5 M	6	22	47	14	120g	grey
70.009	M21x1.5 F	M22x1.5 M	6	22	47	14	120g	grey
70.108	M22x1.5 F	M21x1.5 M	6	22	47	14	120g	red
70.109	M22x1.5 F	M22x1.5 M	6	22	47	14	130g	red

Part No.	G1 (QV)	S1	NW	L1	D1	D2	D3	Weight	Color
70.131	M22x1.5 F	6 (1/4")	4	58	6.9	7.4	9.4	80g	red
70.132	M22x1.5 F	8 (5/16")	5.5	60	8.4	8.6	11.2	90g	red
70.139	M22x1.5 F	10 (3/8")	6.4	62	10.1	9	12	90g	red

DKS 90°

Part No.	G1 (QV)	S1	NW	L1	D1	D2	D3	Weight	Color
70.582	M22x1.5 F	8 (5/16")	5.5	58	8.4	9	11.5	160g	red

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ Maintenance free
- ✓ Sealed stainless steel bearings
- ✓ High flow, low torque

Application

High flow, low rpm, automatic car wash systems, high pressure hose reels

TECHNICAL DATA

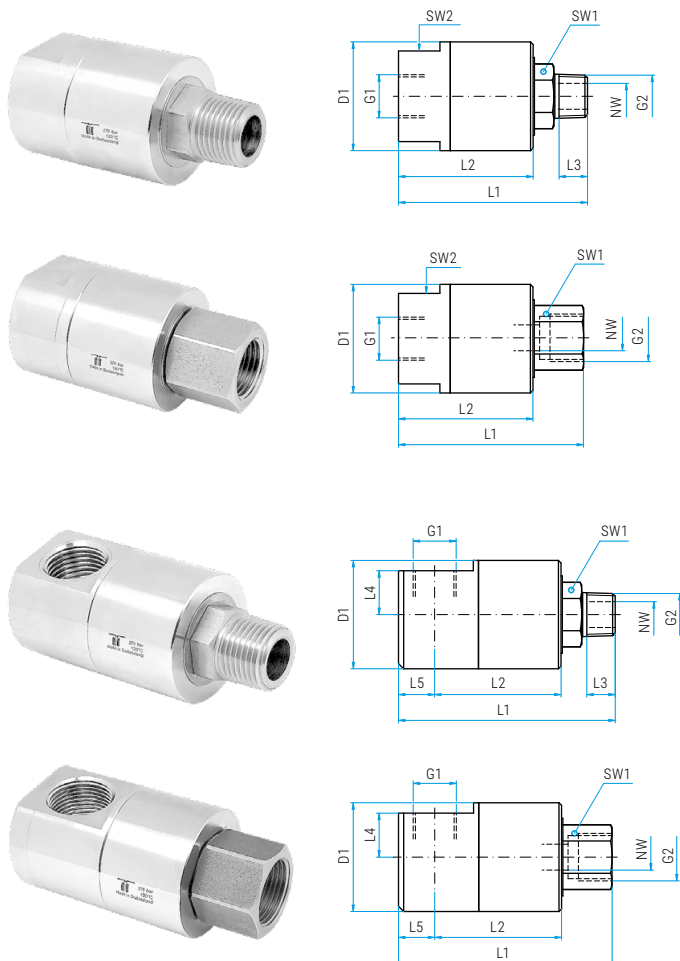
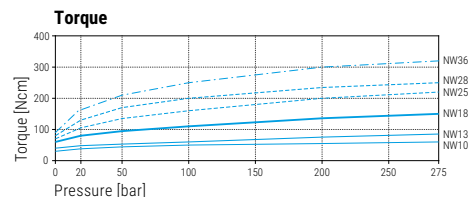
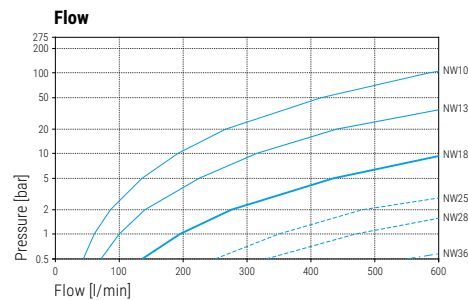
Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM max. 30 rpm

Body brass, nickel plated

Inner part Seal stainless steel
 O-ring NBR
 (optional: EPDM or FKM)

Bearing 1x thrust ball bearing

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DGE

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	D1	Weight
34.802	G3/8" F	G3/8" kM	10	22	35	73	52	11	42	530g
34.803	G1/2" F	G1/2" kM	13	22	35	80	55	15	42	530g
34.804	G3/4" F	G3/4" kM	18	27	40	88	60.5	16	50	780g
34.805	G1" F	G1" kM	25	36	50	90	60	18	60	1130g
34.806	G1¼" F	G1¼" kM	28	38	50	110	71	20	60	1340g
34.807	G1½" F	G1½" kM	36	50	70	112	73	20	85	2670g

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	L2	D1	Weight
34.812	G3/8" F	G3/8" F	10	22	35	71	52	42	520g
34.813	G1/2" F	G1/2" F	13	27	35	80	55	42	560g
34.814	G3/4" F	G3/4" F	18	32	40	88	60.5	50	810g
34.815	G1" F	G1" F	25	36	50	85	60	60	1120g
34.816	G1¼" F	G1¼" F	28	50	50	103	71	60	1400g
34.817	G1½" F	G1½" F	36	54	70	105.5	73	85	2630g

DGE 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	L5	D1	Weight
34.822	G3/8" F	G3/8" kM	10	22	88	53	11	17	14	42	630g
34.823	G1/2" F	G1/2" kM	13	22	97	53	15	16	19	42	650g
34.824	G3/4" F	G3/4" kM	18	27	111	61	16	19	22	50	1000g
34.825	G1" F	G1" kM	25	36	123	64	18	23	29	60	1590g
34.826	G1¼" F	G1¼" kM	28	38	144	72	20	26	33	70	2080g
34.827	G1½" F	G1½" kM	36	50	155.5	80.5	20	30	36	85	3610g

Part No.	G1 (F)	G2 (F)	NW	SW1	L1	L2	L4	L5	D1	Weight
34.832	G3/8" F	G3/8" F	10	22	86	53	17	14	42	660g
34.833	G1/2" F	G1/2" F	13	27	97	53	16	19	42	640g
34.834	G3/4" F	G3/4" F	18	32	111	61	19	22	50	1010g
34.835	G1" F	G1" F	25	36	118	64	23	29	60	1510g
34.836	G1¼" F	G1¼" F	28	50	137	72	26	33	70	2140g
34.837	G1½" F	G1½" F	36	54	149	80.5	30	36	85	3570g

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ Polished stainless steel
- ✓ Maintenance free
- ✓ Sealed stainless steel ball bearings
- ✓ High flow, low torque

Application

Pharmaceutical industry, food industry, high flow, low rpm, automatic car wash systems

TECHNICAL DATA

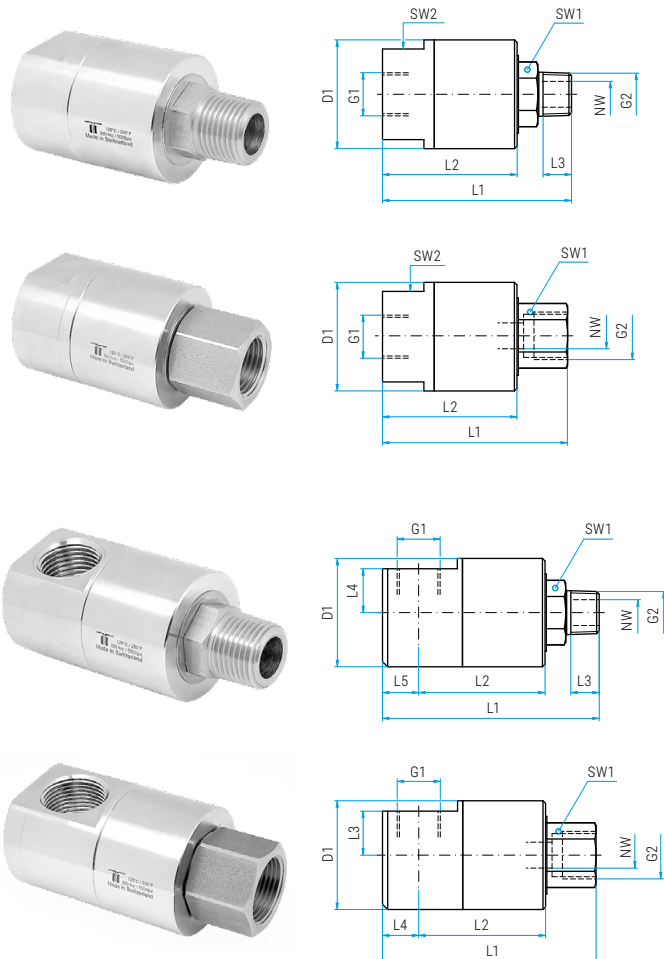
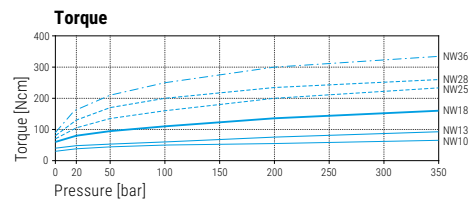
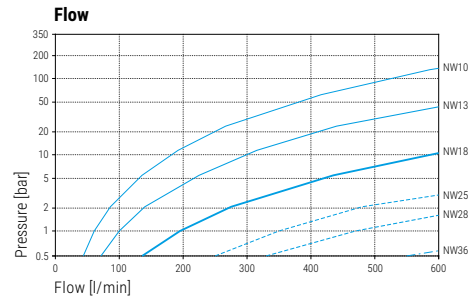
Pressure 350 bar (35 MPa)
Temperature 120°C
RPM max. 30 rpm

Body stainless steel

Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)

Bearing 1x thrust ball bearing
 2x sliding bearings

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DGEI

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	D1	Weight
34.702	G3/8" F	G3/8" kM	10	22	35	73	52	11	42	540g
34.703	G1/2" F	G1/2" kM	13	22	35	80	55	15	42	540g
34.704	G3/4" F	G3/4" kM	18	27	40	93	65.5	16	50	790g
34.705	G1" F	G1" kM	25	36	50	95	65	18	60	1140g
34.706	G1 1/4" F	G1 1/4" kM	28	38	50	115	76	20	60	1350g
34.707	G1 1/2" F	G1 1/2" kM	36	50	70	117	78	20	85	2680g

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	L2	D1	Weight
34.712	G3/8" F	G3/8" F	10	22	35	71	52	42	530g
34.713	G1/2" F	G1/2" F	13	27	35	80	55	42	570g
34.714	G3/4" F	G3/4" F	18	32	40	93	65.5	50	820g
34.715	G1" F	G1" F	25	36	50	90	65	60	1130g
34.716	G1 1/4" F	G1 1/4" F	28	50	50	108	76	60	1410g
34.717	G1 1/2" F	G1 1/2" F	36	54	70	110.5	78	85	2640g

DGEI 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	L5	D1	Weight
34.722	G3/8" F	G3/8" kM	10	22	88	53	11	17	14	42	640g
34.723	G1/2" F	G1/2" kM	13	22	97	53	15	16	19	42	660g
34.724	G3/4" F	G3/4" kM	18	27	111	61	16	19	22	50	1010g
34.725	G1" F	G1" kM	25	36	123	64	18	23	29	60	1600g
34.726	G1 1/4" F	G1 1/4" kM	28	38	144	72	20	26	33	70	2090g
34.727	G1 1/2" F	G1 1/2" kM	36	50	155.5	80.5	20	30	36	85	3620g

Part No.	G1 (F)	G2 (F)	NW	SW1	L1	L2	L3	L4	D1	Weight
34.732	G3/8" F	G3/8" F	10	22	86	53	17	14	42	670g
34.733	G1/2" F	G1/2" F	13	27	97	53	16	19	42	650g
34.734	G3/4" F	G3/4" F	18	32	111	61	19	22	50	1020g
34.735	G1" F	G1" F	25	36	118	64	23	29	60	1520g
34.736	G1 1/4" F	G1 1/4" F	28	50	137	72	26	33	70	2150g
34.737	G1 1/2" F	G1 1/2" F	36	54	149	80.5	30	36	85	3580g

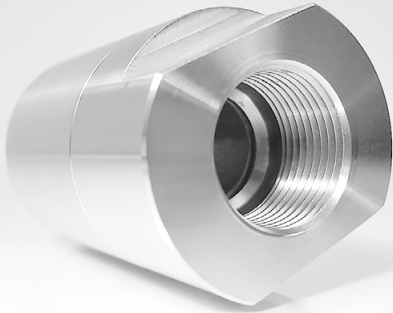
Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ Quadruple bearing system
- ✓ High flow
- ✓ Solid stainless steel construction
- ✓ Long service life
- ✓ Maintenance free
- ✓ Corrosion resistant

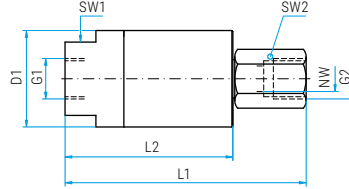
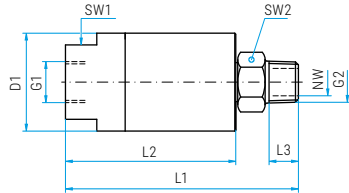
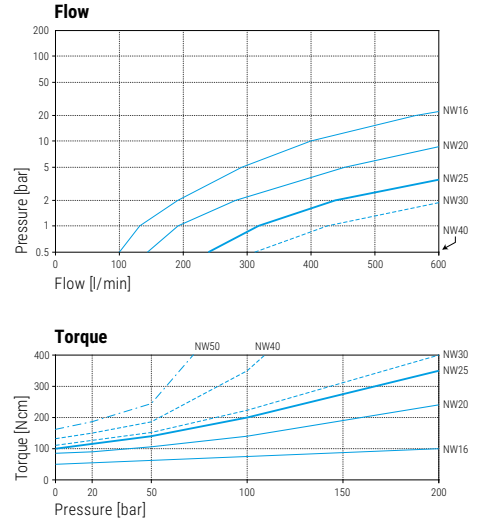


Application

Thrust and radial forces, high pressure, industrial or food service applications

TECHNICAL DATA

Pressure 10-200 bar (1-20 MPa)
Temperature 5°C - 80°C
RPM see chart (max. RPM)
Body stainless steel
Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)
Bearing 2x radial ball bearings
 2x thrust ball bearings
Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DGR

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	D1	max. RPM	Weight
34.201	G1/2" F	G1/2" kM	16	38	27	119	87	15	50	200	1150g
34.301	G3/4" F	G3/4" kM	20	42	32	127	93	15	55	150	1440g
34.401	G1" F	G1" kM	25	46	36	135	96	18	60	130	1670g
34.521	G1 1/4" F	G1 1/4" kM	30	51	44	142	101	20	60	130	1740g
34.501	G1 1/2" F	G1 1/2" kM	40	65	55	154	104	20	80	100	3020g
34.601	G2" F	G2" kM	50	75	62	166	116	22	90	70	3760g

Part No.	G1 (F)	G3 (F)	NW	SW1	SW2	L1	L2	D1	max. RPM	Weight
34.202	G1/2" F	G1/2" F	16	38	27	125	87	50	200	1130g
34.302	G3/4" F	G3/4" F	20	42	32	133	93	55	150	1420g
34.402	G1" F	G1" F	25	46	36	141	96	60	130	1640g
34.522	G1 1/4" F	G1 1/4" F	30	51	44	144	101	60	130	1720g
34.502	G1 1/2" F	G1 1/2" F	40	65	55	154	104	80	100	3060g
34.602	G2" F	G2" F	50	75	70	170	116	90	70	3780g

34.911	Seal kit NW 16
34.912	Seal kit NW 20
34.913	Seal kit NW 25
34.943	Seal kit NW 30
34.914	Seal kit NW 40
34.915	Seal kit NW 50

34.920	Repair kit NW 16
34.921	Repair kit NW 20
34.922	Repair kit NW 25
34.944	Repair kit NW 30
34.923	Repair kit NW 40
34.924	Repair kit NW 50

Repair kit includes seal and bearing set.

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ Friction bearing
- ✓ Stainless steel
- ✓ Maintenance free

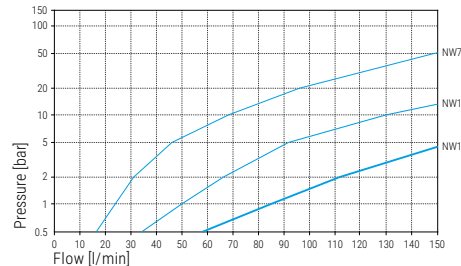
Application

Ceiling booms, high pressure hose reels, high pressure cleaners

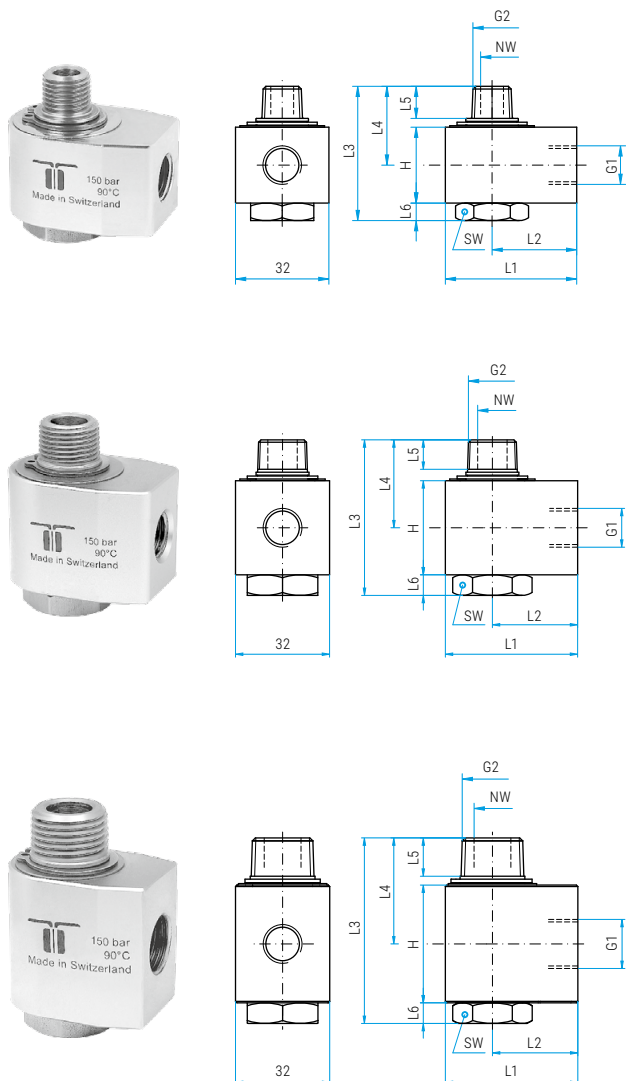
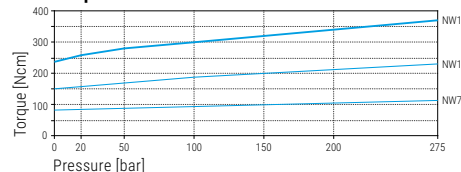
TECHNICAL DATA

Pressure	150 bar (15 MPa) 275 bar* (27.5 MPa)
Temperature	90°C / 120°C*
RPM	max. 30 rpm
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR / Support ring (optional: EPDM or FKM)
Bearing	sliding bearing
Throughput medium	pH 3 - 12 10 µm filtered 20 bar compressed air

Flow



Torque



WDG

Part No.	G1 (F)	G2 (M conical)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.001	G1/4" F	G1/4" kM	7	26	45	29	46	27	9	6	22	290g
40.003	G1/4" F	G3/8" kM	7	26	45	29	46	27	9	6	22	290g
40.011	G3/8" F	G1/4" kM	7	26	45	29	46	27	9	6	22	270g
40.013	G3/8" F	G3/8" kM	7	26	45	29	46	27	9	6	22	280g

Part No.	G1 (F)	G2 (M cylindric)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.002	G1/4" F	G1/4" M	7	26	45	29	46	27	11	6	22	280g
40.009*	G1/4" F	G1/4" M	7	26	45	29	46	27	11	6	22	270g
40.012	G3/8" F	G1/4" M	7	26	45	29	46	27	11	6	22	270g

* 275 bar / 120°C / without snap ring, for Mosmatic ceiling boom

Part No.	G1 (F)	G2 (M conical)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.101	G1/4" F	G3/8" kM	10	32	45	29	53	30	9	7	24	340g
40.111	G3/8" F	G3/8" kM	10	32	45	29	53	30	9	7	24	320g

Part No.	G1 (F)	G2 (M cylindric)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.102	G1/4" F	G3/8" M	10	32	45	29	53	30	11	7	24	330g
40.112	G3/8" F	G3/8" M	10	32	45	29	53	30	11	7	24	320g

Part No.	G1 (F)	G2 (M conical)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.201	G3/8" F	G1/2" kM	13	40	45	29	63	36	11	7	24	350g
40.211	G1/2" F	G1/2" kM	13	40	45	29	63	36	11	7	24	380g

40.502	Seal kit NW 7
40.503	Seal kit NW 10+13

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ Slide or dual bearing systems
- ✓ Stainless steel
- ✓ Maintenance free

Application

Ceiling boom, high pressure hose reels, high pressure cleaner

TECHNICAL DATA

Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM see chart (max. RPM)

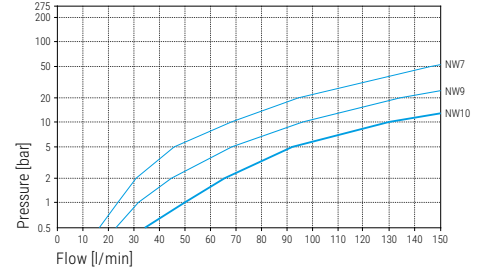
Body brass, nickel plated

Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)

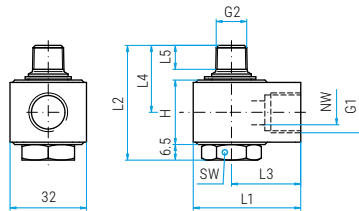
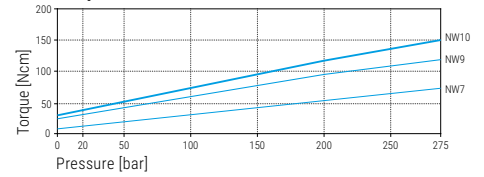
Bearing WDB: sliding bearing
 WDBL: 2x radial ball bearings
 WDBS: 2x radial ball bearings

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air

Flow



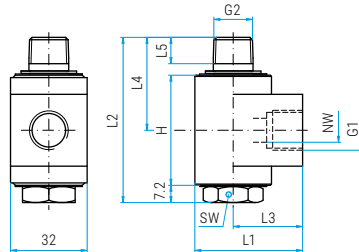
Torque



WDB

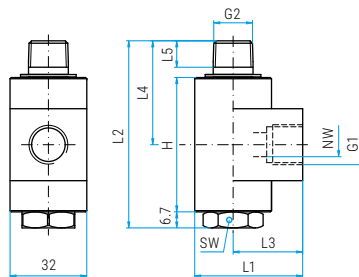
Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	SW	max. RPM	Weight
43.201	G1/4" F	G1/4" kM	7	27	45	48	29	28	10	22	30	280g
43.202	G3/8" F	G3/8" kM	9	27	45	49	29	29	11	22	30	260g
43.209*	G1/4" F	G1/4" M	7	27	45	45	29	25	11	22	30	270g

* without snap ring, for Mosmatic ceiling boom



WDBL (with radial ball bearings)

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	SW	max. RPM	Weight
43.212	G3/8" F	G3/8" kM	10	46	45	69	29	39	11	22	200	440g



WDBS (with radial ball bearings and protection plate)

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	SW	max. RPM	Weight
43.222	G3/8" F	G3/8" kM	10	56	45	78	29	44	11	22	200	520g

43.904	Seal kit
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Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ Slide or dual bearing systems
- ✓ Stainless steel
- ✓ Maintenance free

Application

High pressure hose reels, ceiling booms, high pressure cleaners

TECHNICAL DATA

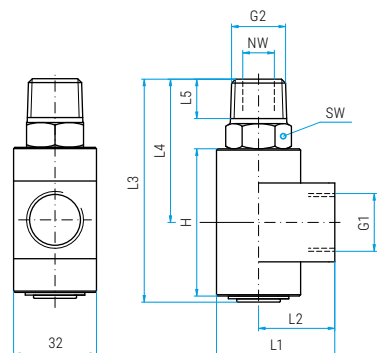
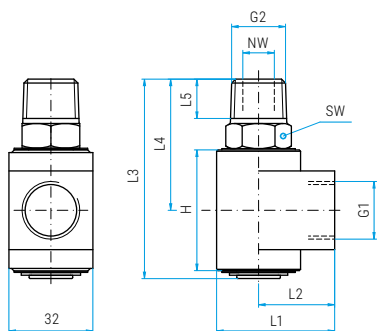
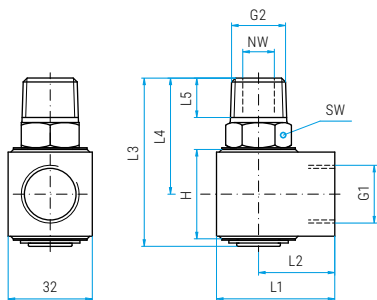
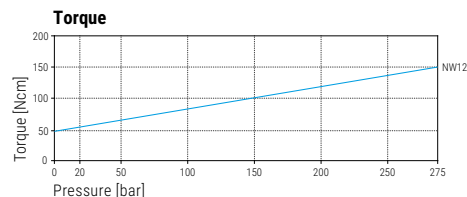
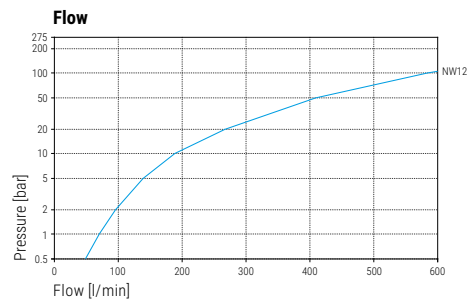
Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM see chart (max. RPM)

Body brass, nickel plated

Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)

Bearing WDC: sliding bearing
 WDCL: 2x radial ball bearings
 WDCS: 2x radial ball bearings

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



WDC

Part No.	G1 (F)	G2	NW	H	L1	L2	L3	L4	L5	SW1	max. RPM	Weight
43.303	G1/2" F	G1/2" kM	12	34	45	29	64	44	15	22	30	322g
43.304	G1/2" F	G1/2" F	12	34	45	29	64	44	15	27	30	330g

WDCL (with radial ball bearings)

Part No.	G1 (F)	G2	NW	H	L1	L2	L3	L4	L5	SW1	max. RPM	Weight
43.313	G1/2" F	G1/2" kM	12	46	45	29	76	50	15	22	200	430g
43.314	G1/2" F	G1/2" F	12	46	45	29	76	50	15	27	200	440g

WDCS (with radial ball bearings and protection plate)

Part No.	G1 (F)	G2	NW	H	L1	L2	L3	L4	L5	SW1	max. RPM	Weight
43.323	G1/2" F	G1/2" kM	12	56	45	29	85	55	15	22	200	450g
43.324	G1/2" F	G1/2" F	12	56	45	29	85	55	15	27	200	460g

43.904	Seal kit
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Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ Complete stainless steel
- ✓ Maintenance free
- ✓ Compact design
- ✓ Sliding bearing system

Application

Hose reels

TECHNICAL DATA

Pressure 400 bar (40 MPa)
200 bar (20 MPa)*

Temperature 120°C

RPM max. 30 rpm

Torque max. 50 Nm

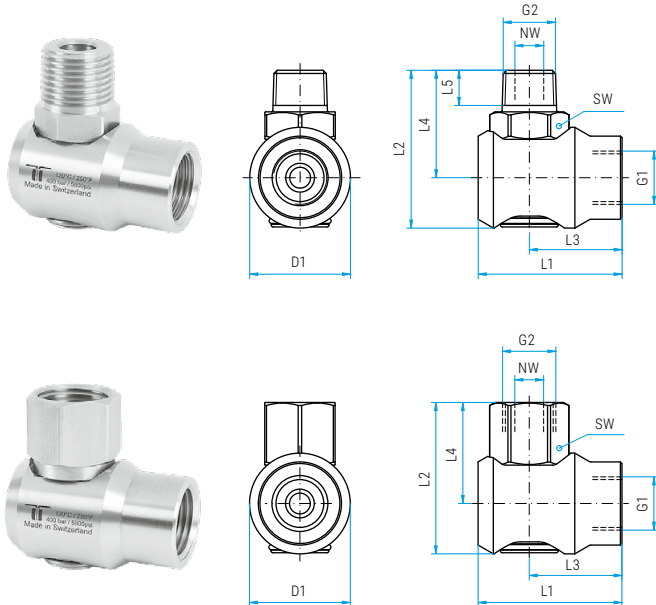
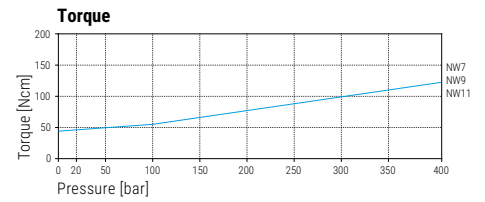
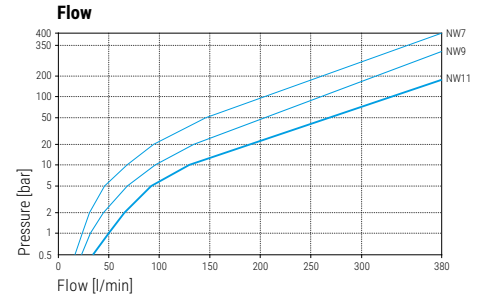
Body stainless steel

Inner part stainless steel

Seal O-ring NBR
(optional: EPDM or FKM)

Bearing sliding bearings

Throughput medium pH 3 - 12
10 µm filtered
20 bar compressed air



WDEI

Part No.	G1 (F)	G2	NW	L1	L2	L3	L4	L5	D1	SW	Box	Weight
43.411B	G1/4" F	G1/4" kM	7	45	48	29	33	10	32	22	25 pcs.	6750g
43.412B	G3/8" F	G3/8" kM	9	45	49	29	34	11	32	22	25 pcs.	6250g
43.413B	G1/2" F	G1/2" kM	11	50	53	34	38	12	32	22	25 pcs.	6150g
43.414B*	G3/4" F	G3/4" kM	19	75	80	48	54	16	52	36	10 pcs.	8600g
43.415B*	G1" F	G1" kF	25	85	90	55	60	18	60	41	10 pcs.	11500g

* 200 bar

Part No.	G1 (F)	G2	NW	L1	L2	L3	L4	D1	SW	Box	Weight
43.421B	G1/4" F	G1/4" F	7	45	46	29	31	32	22	25 pcs.	7100g
43.422B	G3/8" F	G3/8" F	9	45	47	29	32	32	22	25 pcs.	6200g
43.423B	G1/2" F	G1/2" F	11	50	50	34	35	32	24	25 pcs.	5700g
43.424B*	G3/4" F	G3/4" kM	19	75	70	48	44	52	32	10 pcs.	9200g
43.425B*	G1" F	G1" kF	25	85	78	55	48	60	36	10 pcs.	12000g

* 200 bar

43.922	Seal kit NW 7-11
43.930	Seal kit NW 19
43.931	Seal kit NW 25



Example of an OEM-box which includes 25 swivels.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ Dual bearing system
- ✓ Complete stainless steel construction
- ✓ Rugged design
- ✓ Maintenance free

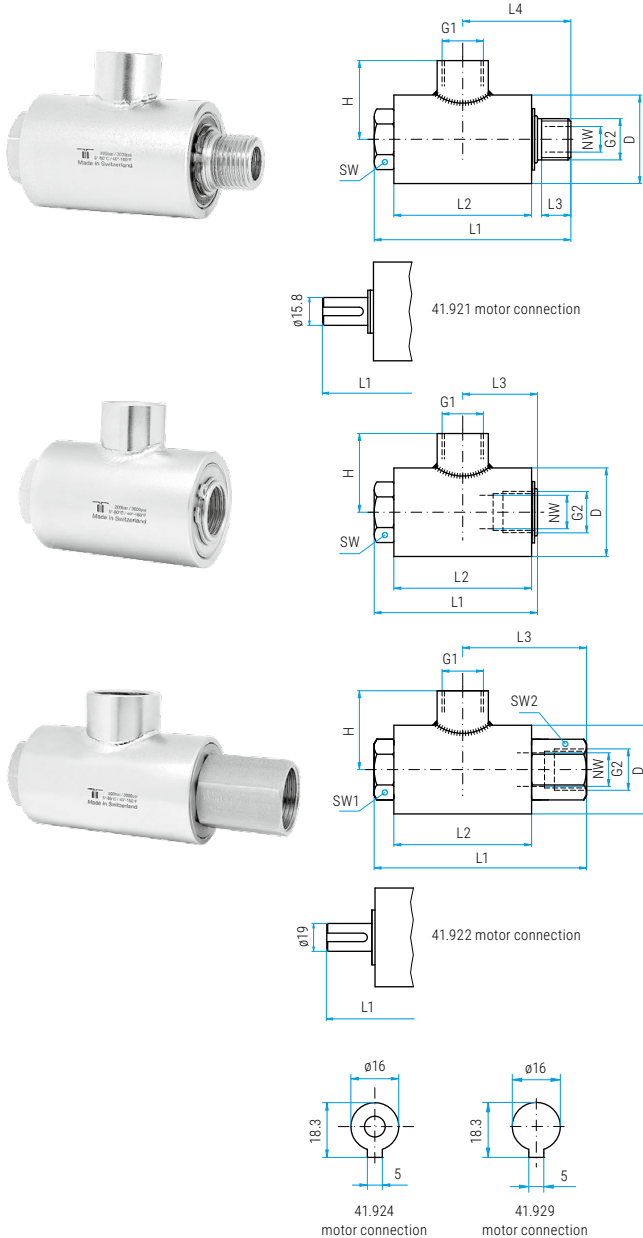
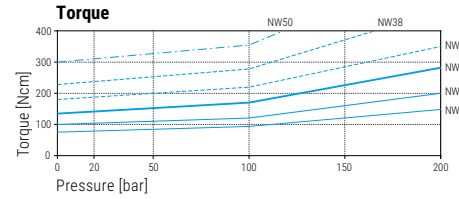
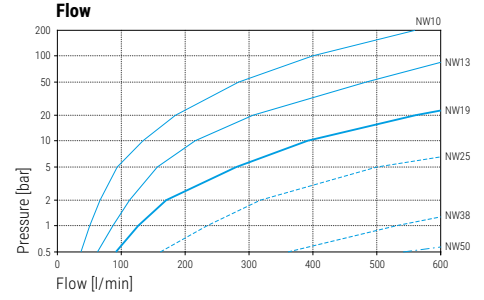
Application

Automatic car wash, industrial application, high pressure hose reels, high flow



TECHNICAL DATA

Pressure 10-200 bar (1-20 MPa)
Temperature 5°C - 80°C
RPM see chart (max. RPM)
Body stainless steel
Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)
Bearing 2x radial ball bearings
Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



WDRS (no front to back forces allowed)

Part No.	G1 (F)	G2 (M)	NW	SW	H	L1	L2	L3	L4	D	max. RPM	Weight
41.111	G3/8" F	G3/8" kM	10	27	37	105	80	11	56	45	150	820g
41.211	G1/2" F	G1/2" kM	13	27	40	110	80	15	60	45	150	840g
41.311	G3/4" F	G3/4" kM	19	32	43	122	90	16	67	50	130	1050g
41.411	G1" F	G1" kM	25	36	48	136	100	18	74	56	110	1370g
41.511	G1½" F	G1½" kM	38	55	60	150	110	20	83	71	76	2200g
41.611	G2" F	G2" kM	50	70	70	180	134	22	97	90	60	3050g

WDRS (motor connection)

Part No.	G1 (F)	G2 (M)	NW	SW	H	L1	L2	L3	L4	D	max. RPM	Weight
41.920	1/2" NPTF	1/2" NPTM	13	27	40	155	70	15	84	45	150	944g
41.921	1/2" NPTF	1/2" NPTM	13	19	40	155	80	15	84	45	150	1010g

WDRS (no front to back forces allowed)

Part No.	G1 (F)	G2 (F)	NW	SW	H	L1	L2	L3	D	max. RPM	Weight
41.212	G1/2" F	G1/2" F	13	27	40	93	80	43	45	150	880g

WDRS (no front to back forces allowed)

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	H	L1	L2	L3	D	max. RPM	Weight
41.412	G1" F	G1" F	25	36	36	48	157	100	95	56	110	1460g

WDRS (motor connection)

Part No.	G1 (F)	G2 (F)	NW	SW2	H	L1	L2	L3	L4	D	max. RPM	Weight
41.922	3/4" NPTF	3/4" NPTF	19	32	43	162	90	33	78	50	130	1280g

WDRS (motor connection, 2x radial ball bearings)

Part No.	IN	OUT	NW	max. RPM	Weight
40.924	G3/8" F	3x G1/4" F	9	130	3000g
40.929	G3/8" F	2x 1/8" NPTF / 1x G1/4" F	9	130	3200g

41.912	Seal kit NW 13
41.913	Seal kit NW 19
41.914	Seal kit NW 25
41.915	Seal kit NW 38
41.916	Seal kit NW 50

41.930	Repair kit NW 10 + 13
41.931	Repair kit NW 19
41.932	Repair kit NW 25
41.933	Repair kit NW 38
41.934	Repair kit NW 50

Repair kit includes seal and bearing set.

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ High speed triple bearing system
- ✓ Corrosion resistant
- ✓ Solid construction
- ✓ Long service life
- ✓ Maintenance free

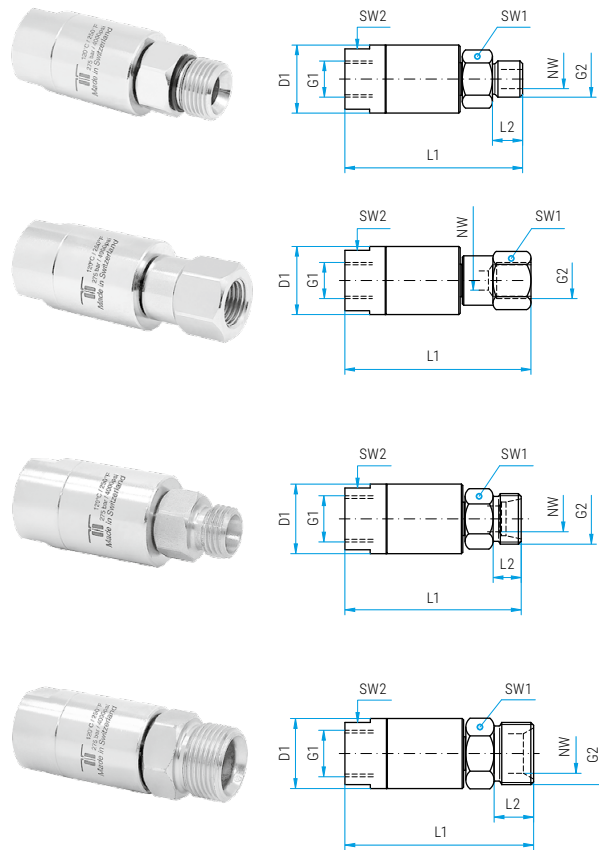
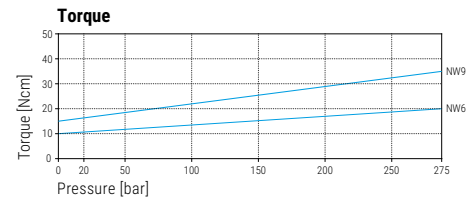
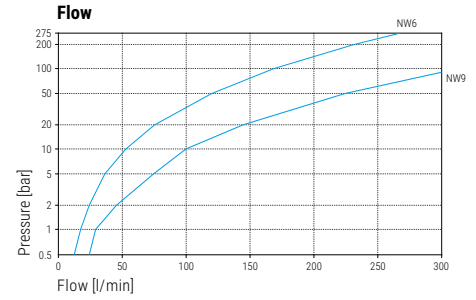


Application

Thrust and radial forces, high flow, automatic car wash systems, high pressure hose reels

TECHNICAL DATA

Pressure 275 bar (27.5 MPa)
Temperature 30°C (at 1'000 rpm)
 120°C (at 30 rpm)
RPM max. 1'000 rpm
Body DGL: brass, nickel plated
 DGLI: stainless steel
Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)
Bearing 2x radial ball bearings
 1x thrust ball bearing
Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DGL	DGLI	DGLIV	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
31.001	31.904	31.920	G1/4" F	G1/4" M	6	19	22	65	11	25	170g
31.003	31.913	31.921	G1/4" F	G3/8" M	6	19	22	66	12	25	170g
31.101	31.914	-	G3/8" F	G1/4" M	6	19	22	65	11	25	160g
31.103	31.906	-	G3/8" F	G3/8" M	6	19	22	66	12	25	160g
31.603	-	-	G3/8" F	G3/8" M	9	19	22	67	12	25	150g

Part No.	Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	D1	Weight
31.002	31.907	31.916	G1/4" F	G1/4" F	6	19	22	68	25	180g
31.004	-	31.922	G1/4" F	G3/8" F	6	22	22	69	25	190g
31.102	-	-	G3/8" F	G1/4" F	6	19	22	68	25	170g
31.104	31.908	31.925	G3/8" F	G3/8" F	6	22	22	69	25	180g
31.604	-	-	G3/8" F	G3/8" F	9	22	22	70	25	160g

Part No.	Part No.	Part No.	G1 (F)	G2 (SV)	NW	SW1	SW2	L1	L2	D1	Weight
31.005	-	-	G1/4" F	M14x1.5 M	6	17	22	63	10	25	160g
31.006	-	-	G1/4" F	M16x1.5 M	6	19	22	63	10	25	170g
31.007	-	31.923	G1/4" F	M18x1.5 M	6	19	22	63	10	25	170g
31.105	-	-	G3/8" F	M14x1.5 M	6	17	22	63	10	25	170g
31.106	-	-	G3/8" F	M16x1.5 M	6	19	22	63	10	25	150g
31.107	-	31.917	G3/8" F	M18x1.5 M	6	19	22	63	10	25	160g
31.607	-	-	G3/8" F	M18x1.5 M	9	19	22	64	10	25	140g

Part No.	Part No.	Part No.	G1 (F)	G2 (QV)	NW	SW1	SW2	L1	L2	D1	Weight
31.008	-	-	G1/4" F	M21x1.5 M	6	22	22	67	14	25	180g
31.009	31.911	-	G1/4" F	M22x1.5 M	6	22	22	67	14	25	190g
31.108	-	-	G3/8" F	M21x1.5 M	6	22	22	67	14	25	170g
31.109	-	-	G3/8" F	M22x1.5 M	6	22	22	67	14	25	180g

33.910	Seal kit NW 6
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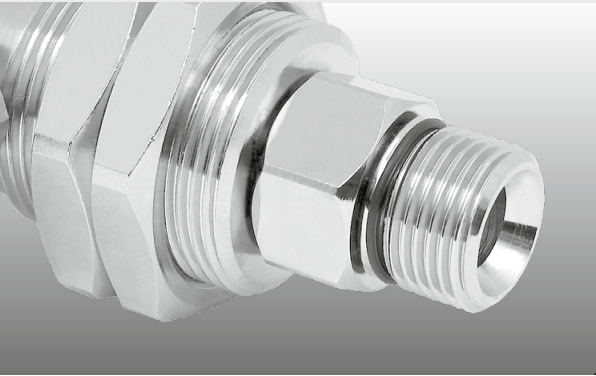
Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number. Minimum orders apply.

- ✓ High speed, triple bearing system
- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free

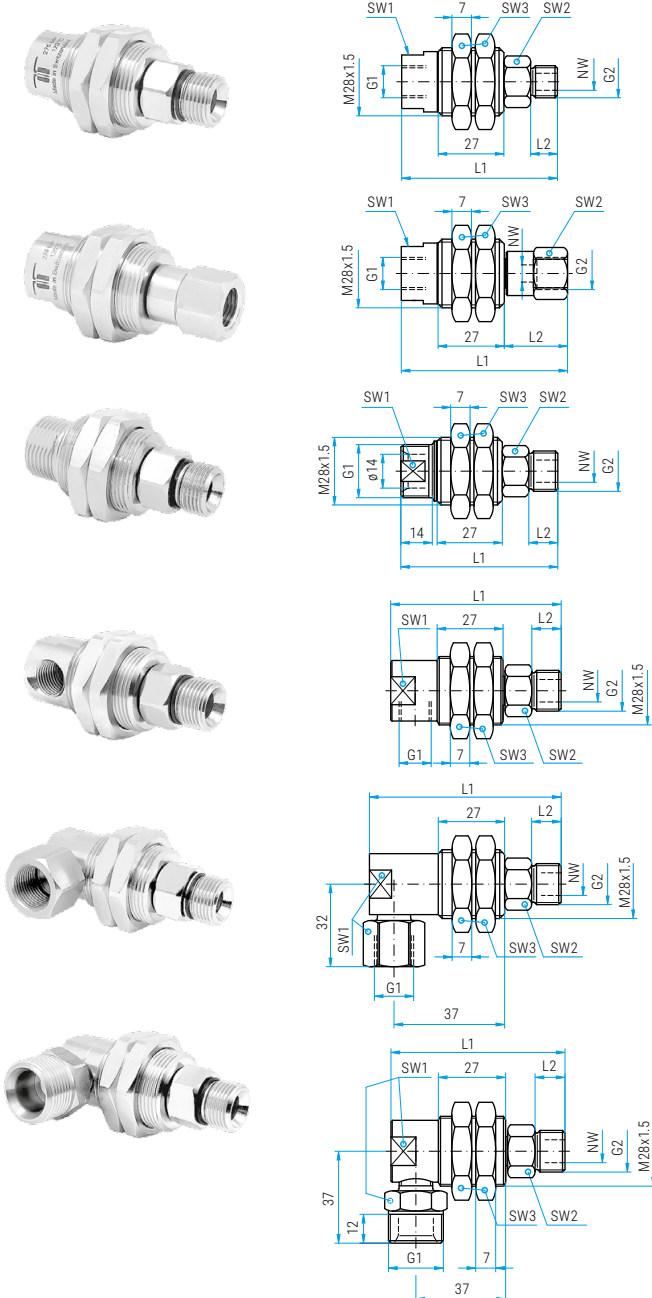
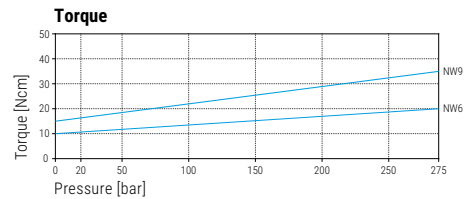
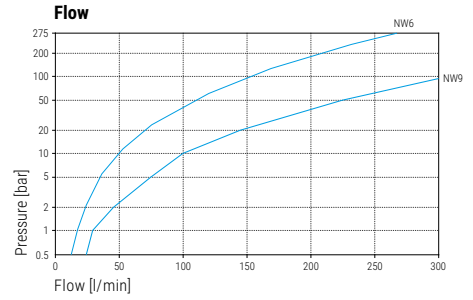


Application

High pressure cleaning technology, parts washers, tire cleaners, self rotating applications

TECHNICAL DATA

Pressure 275 bar (27.5 MPa)
Temperature 30°C (at 1'000 rpm)
 120°C (at 30 rpm)
RPM max. 1'000 rpm
Body DGG: brass, nickel plated
 DGGI: stainless steel
Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)
Bearing 2x radial ball bearings
 1x thrust ball bearing
Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.001	-	G1/4" F	G1/4" M	6	22	19	34	65	11	220g
33.003	-	G1/4" F	G3/8" M	6	22	19	34	66	12	250g
33.101	-	G3/8" F	G1/4" M	6	22	19	34	65	11	230g
33.103	33.904	G3/8" F	G3/8" M	6	22	19	34*	66	12	240g
33.603	-	G3/8" F	G3/8" M	9	22	19	34	67	12	230g

* at DGGI: 36mm

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	SW3	L1	L2	Weight
33.002	G1/4" F	G1/4" F	6	22	19	34	68	26	230g
33.004	G1/4" F	G3/8" F	6	22	22	34	69	27	230g
33.102	G3/8" F	G1/4" F	6	22	19	34	68	26	230g
33.104	G3/8" F	G3/8" F	6	22	22	34	69	27	260g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.201	M21x1.5 M	G1/4" M	6	19	19	34	65	11	220g
33.203	M21x1.5 M	G3/8" M	6	19	19	34	66	12	230g
33.251	M22x1.5 M	G1/4" M	6	20	19	34	65	11	200g
33.253	M22x1.5 M	G3/8" M	6	20	19	34	66	12	210g

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.301	-	G1/4" F	G1/4" M	6	22	19	34	70	11	220g
33.303	33.906	G1/4" F	G3/8" M	6	22	19	34*	71	12	240g

* at DGGI: 36mm

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.401	G3/8" F	G1/4" M	6	22	19	34	70	11	290g
33.403	G3/8" F	G3/8" M	6	22	19	34	71	12	310g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.503	M21x1.5 M	G3/8" M	6	22	19	34	71	12	290g
33.553	M22x1.5 M	G3/8" M	6	22	19	34	71	12	330g

33.910	Seal kit NW 6
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Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

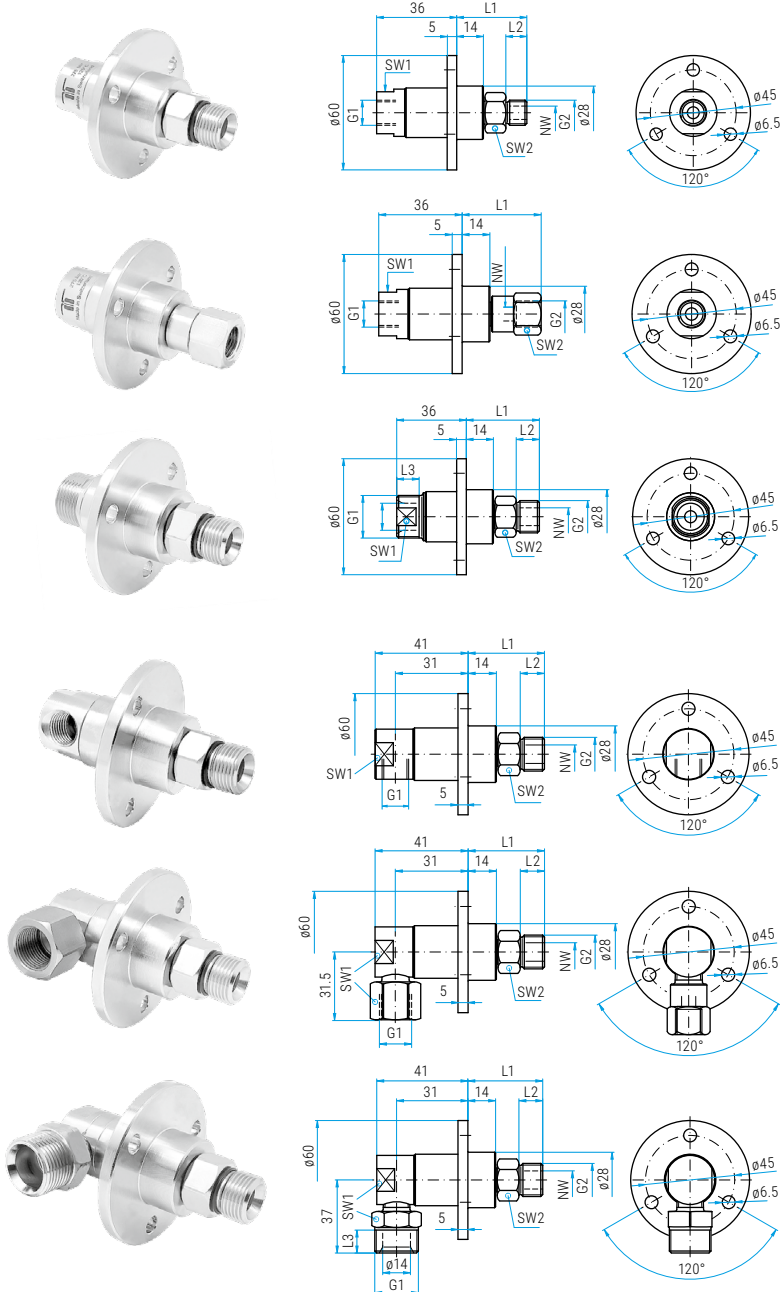
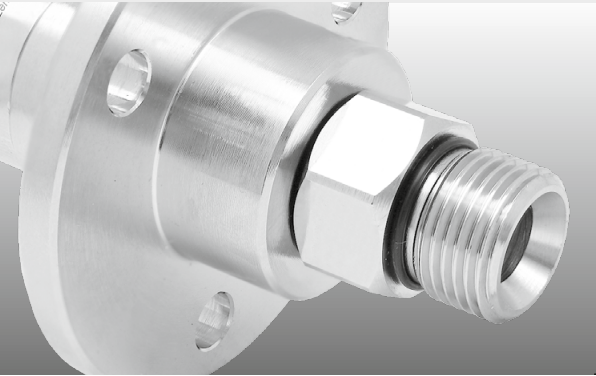
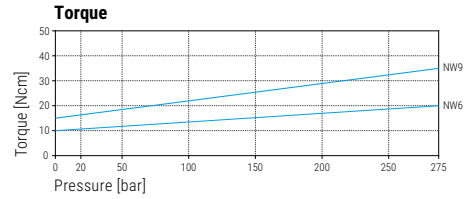
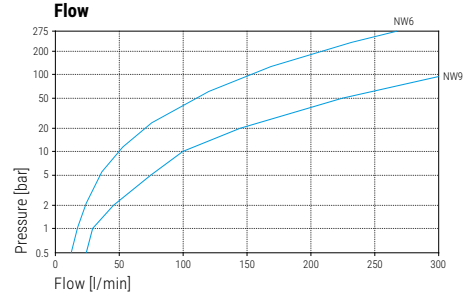
- ✓ High speed, triple bearing system
- ✓ Flange for easy installation
- ✓ Maintenance free
- ✓ Highest precision and quality

Application

High pressure cleaning technology, parts washers, tire cleaners, self rotating applications

TECHNICAL DATA

Pressure 275 bar (27.5 MPa)
Temperature 30°C (at 1'000 rpm)
 120°C (at 30 rpm)
RPM max. 1'000 rpm
Body brass, nickel plated
Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)
Bearing 2x radial ball bearings
 1x thrust ball bearing
Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DGF

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
35.001	G1/4" F	G1/4" M	6	22	19	37	11	290g
35.003	G1/4" F	G3/8" M	6	22	19	38	12	300g
35.101	G3/8" F	G1/4" M	6	22	19	37	11	310g
35.103	G3/8" F	G3/8" M	6	22	19	38	12	290g
35.603	G3/8" F	G3/8" M	9	22	19	38	12	320g

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
35.002	G1/4" F	G1/4" F	6	22	19	40	310g
35.004	G1/4" F	G3/8" F	6	22	22	41	310g
35.102	G3/8" F	G1/4" F	6	22	19	40	310g
35.104	G3/8" F	G3/8" F	6	22	22	41	310g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
35.201	M21x1.5 M	G1/4" M	6	19	19	37	11	12	300g
35.203	M21x1.5 M	G3/8" M	6	19	19	38	12	12	310g
35.251	M22x1.5 M	G1/4" M	6	20	19	37	11	12	340g
35.253	M22x1.5 M	G3/8" M	6	20	19	38	12	12	350g

DGF 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
35.301	G1/4" F	G1/4" M	6	22	19	37	11	350g
35.303	G1/4" F	G3/8" M	6	22	19	38	12	360g

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
35.401	G3/8" F	G1/4" M	6	22	19	37	11	410g
35.403	G3/8" F	G3/8" M	6	22	19	38	12	410g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
35.503	M21x1.5 M	G3/8" M	6	22	19	38	12	12	410g
35.553	M22x1.5 M	G3/8" M	6	22	19	38	12	12	410g

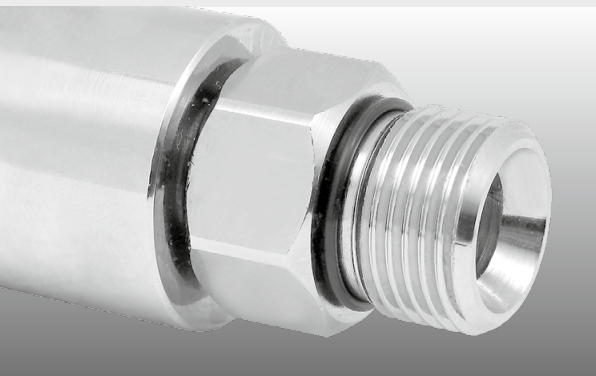
Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ High speed, triple bearing systems
- ✓ Seal failure warning, through weep holes
- ✓ Stainless steel
- ✓ Maintenance free



Application

High pressure cleaning technology, parts washers, tire cleaners, high rpm

TECHNICAL DATA

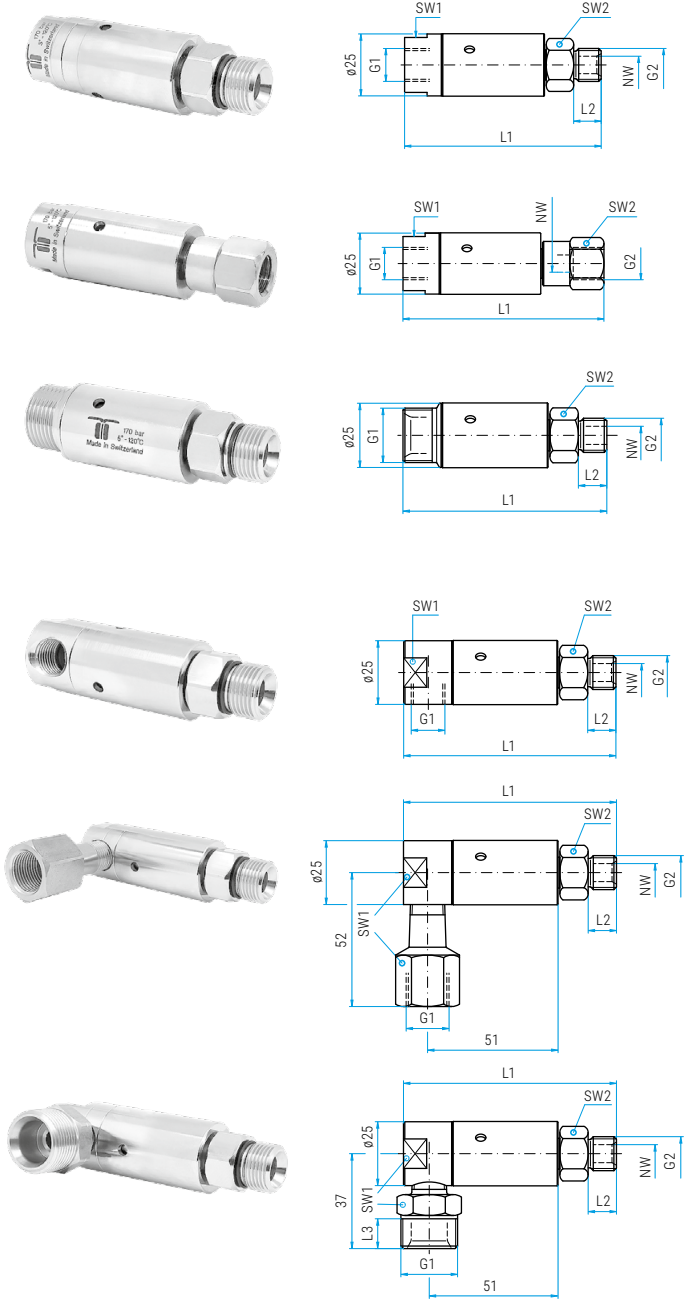
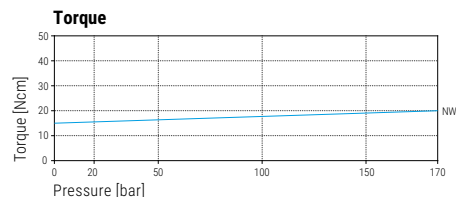
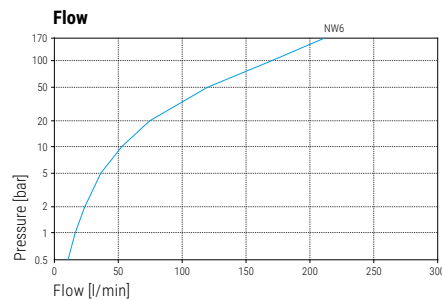
Pressure 170 bar (17 MPa)
Temperature 5°C - 120°C
RPM max. 2'000 rpm

Body
 DXL: brass, nickel plated
 DXLI: stainless steel

Inner part
Seal stainless steel
 ceramic

Bearing
 2x radial ball bearings
 1x thrust ball bearing

Throughput medium
 pH 3 - 12
 10 µm filtered
 20 bar compressed air



DXL		DXLI		G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
36.001	36.011	G1/4" F	G1/4" M	6	22	19	79	11	190g		
36.003	36.013	G1/4" F	G3/8" M	6	22	19	80	12	200g		
36.101	36.111	G3/8" F	G1/4" M	6	22	19	79	11	180g		
36.103	36.113	G3/8" F	G3/8" M	6	22	19	80	12	190g		

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
36.002	36.012	G1/4" F	G1/4" F	6	22	19	82	210g
36.004	36.014	G1/4" F	G3/8" F	6	22	22	83	220g
36.102	36.112	G3/8" F	G1/4" F	6	22	19	82	190g
36.104	36.114	G3/8" F	G3/8" F	6	22	22	83	212g

Part No.	G1 (QV)	G2 (M)	NW	SW2	L1	L2	Weight
36.201	M21x1.5 M	G1/4" M	6	19	79	11	190g
36.203	M21x1.5 M	G3/8" M	6	19	80	12	200g
36.251	M22x1.5 M	G1/4" M	6	19	79	11	180g
36.253	M22x1.5 M	G3/8" M	6	19	80	12	190g

DXL 90°		G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
36.301	G1/4" F	G1/4" M	6	22	19	84	11	200g	
36.303	G1/4" F	G3/8" M	6	22	19	85	12	200g	

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
36.401	G3/8" F	G1/4" M	6	22	19	84	11	250g
36.403	G3/8" F	G3/8" M	6	22	19	85	12	240g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
36.503	M21x1.5 M	G3/8" M	6	22	19	85	12	240g
36.553	M22x1.5 M	G3/8" M	6	22	19	85	12	250g

36.901	Seal kit NW 6
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Legend
 M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ For Steam
- ✓ High speed, triple bearing systems
- ✓ Flange for easy installation
- ✓ Seal failure warning through weep holes

Application

Steam cleaner, self rotating applications

TECHNICAL DATA

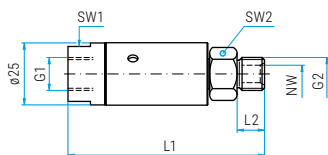
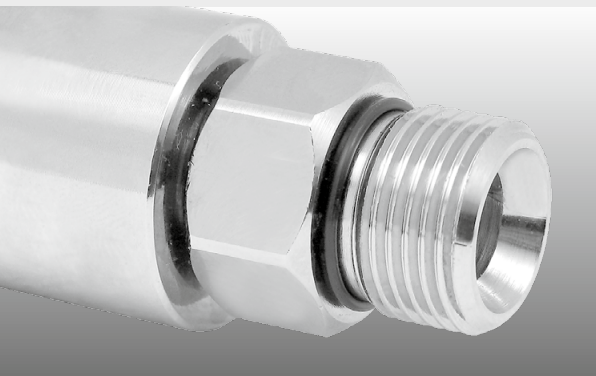
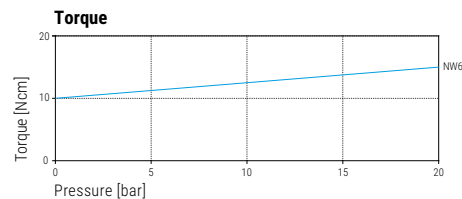
Pressure 20 bar (2 MPa)
Temperature 180°C
RPM max. 1'000 rpm

Body brass, nickel plated

Inner part stainless steel
Seal ceramic

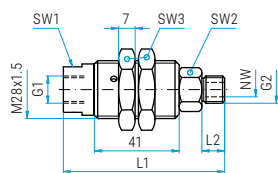
Bearing 2x radial ball bearings
 1x thrust ball bearings

Throughput medium Steam
 pH 3 - 12



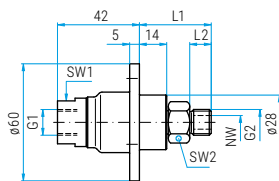
DXLS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
36.043	G1/4" F	G3/8" M	6	22	19	80	12	200g
36.143	G3/8" F	G3/8" M	6	22	19	80	12	212g



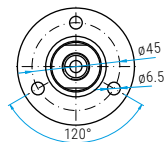
DXGS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.043	G1/4" F	G3/8" M	6	22	19	34	80	12	286g
37.143	G3/8" F	G3/8" M	6	22	19	34	80	12	220g



DXFS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
38.043	G1/4" F	G3/8" M	6	22	19	38	12	330g
38.143	G3/8" F	G3/8" M	6	22	19	38	12	350g

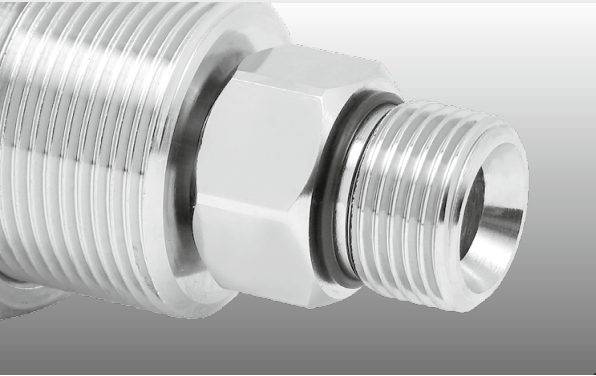


36.913	NW 6 Seal kit
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Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ High speed, triple bearing systems
- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free



Application

Surface cleaners, parts washers, tire cleaners, high rpm, self rotating applications

TECHNICAL DATA

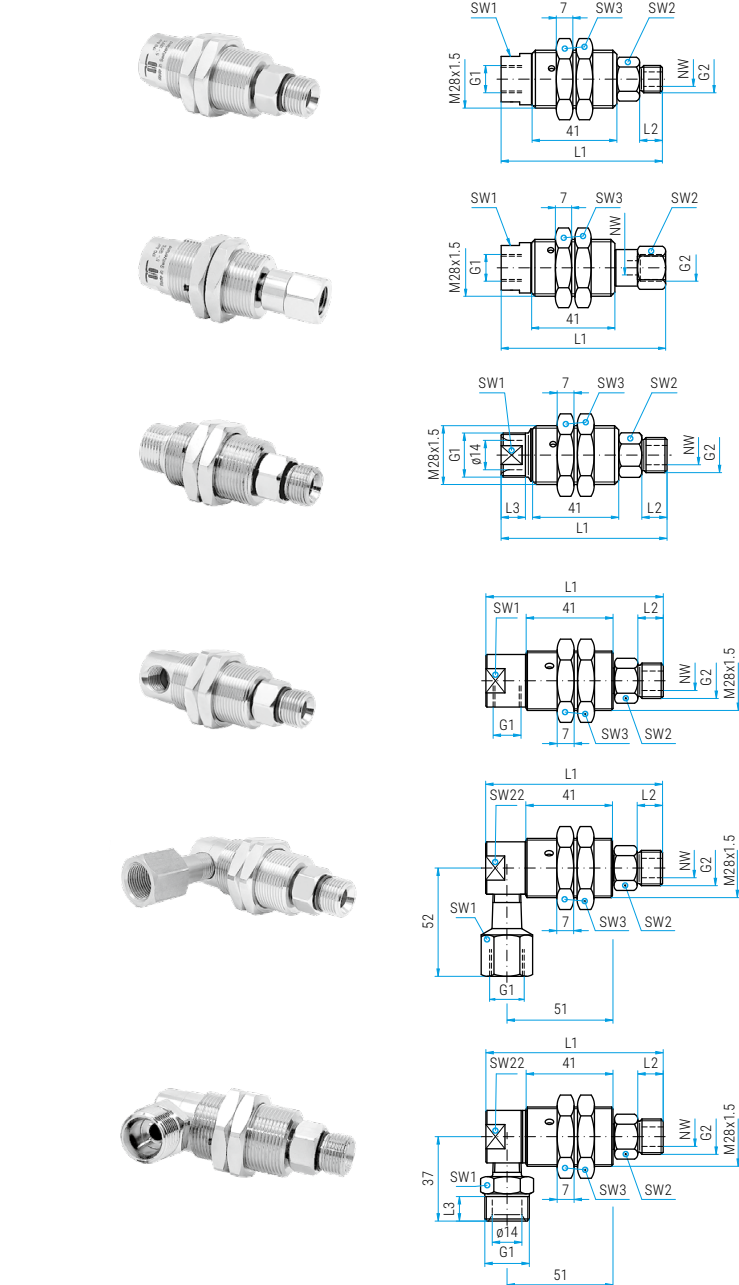
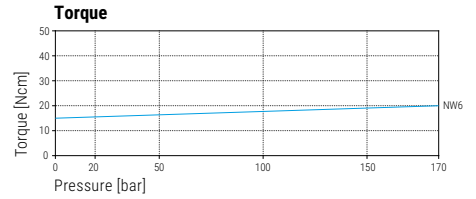
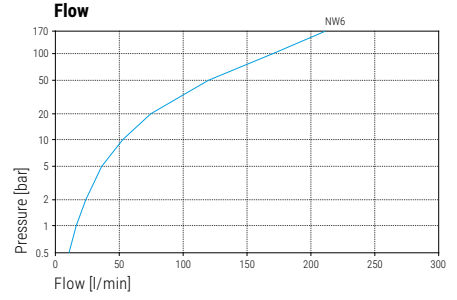
Pressure 170 bar (17 MPa)
Temperature 5°C - 120°C
RPM max. 2'000 rpm

Body DXG: brass, nickel plated
 DXGI: stainless steel

Inner part stainless steel
Seal ceramic

Bearing 2x radial ball bearings
 1x thrust ball bearing

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DXG DXGI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.001	37.011	G1/4" F	G1/4" M	6	22	19	34*	79	11	278g
37.003	37.013	G1/4" F	G3/8" M	6	22	19	34*	80	12	286g
37.101	37.111	G3/8" F	G1/4" M	6	22	19	34*	79	11	270g
37.103	37.113	G3/8" F	G3/8" M	6	22	19	34*	80	12	276g

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	SW3	L1	Weight
37.002	37.012	G1/4" F	G1/4" F	6	22	19	34*	82	220g
37.004	37.014	G1/4" F	G3/8" F	6	22	22	34*	83	220g
37.102	37.112	G3/8" F	G1/4" F	6	22	19	34*	82	210g
37.104	37.114	G3/8" F	G3/8" F	6	22	22	34*	83	210g

* at DXGI: 36mm

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	L3	Weight
37.201	M21x1.5 M	G1/4" M	6	19	19	34	79	11	12	244g
37.203	M21x1.5 M	G3/8" M	6	19	19	34	80	12	12	268g
37.251	M22x1.5 M	G1/4" M	6	20	19	34	79	11	12	232g
37.253	M22x1.5 M	G3/8" M	6	20	19	34	80	12	12	256g

DXG 90° DXGI 90°

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.301	37.311	G1/4" F	G1/4" M	6	22	19	34*	84	11	270g
37.303	37.313	G1/4" F	G3/8" M	6	22	19	34*	85	12	278g
37.302	37.312	G3/8" F	G1/4" M	6	22	19	34*	84	11	370g
37.304	37.314	G3/8" F	G3/8" M	6	22	19	34*	85	12	382g

* at DXGI: 36mm

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.401	G3/8" F	G1/4" M	6	22	19	34	84	11	370g
37.403	G3/8" F	G3/8" M	6	22	19	34	85	12	382g

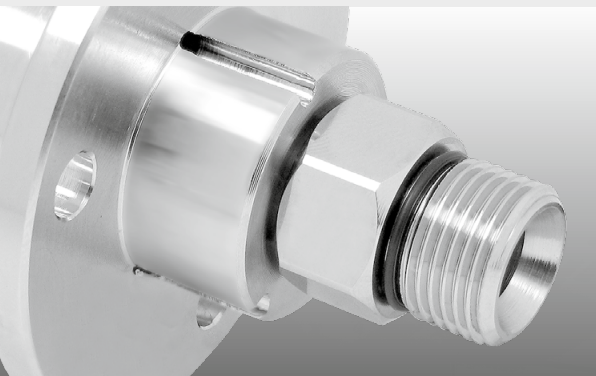
Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	L3	Weight
37.503	M21x1.5 M	G3/8" M	6	22	19	34	85	12	14	324g
37.553	M22x1.5 M	G3/8" M	6	22	19	34	85	12	14	330g

36.901	Seal kit NW 6
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Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Flange for easy installation
- ✓ Seal failure warning, through weep holes
- ✓ Maintenance free
- ✓ Ceramic seals



Application

High rpm, self rotating applications, surface cleaners, parts washers, tire cleaners

TECHNICAL DATA

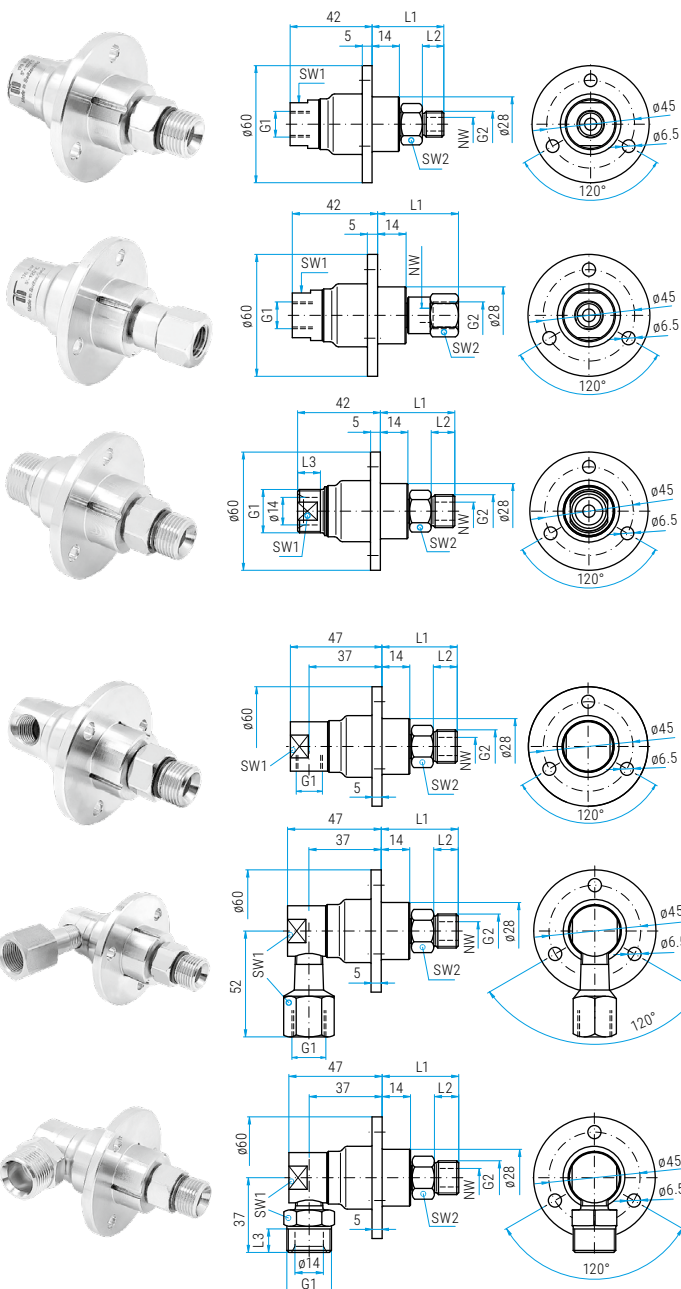
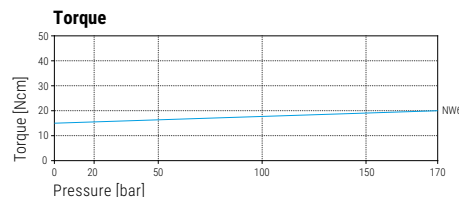
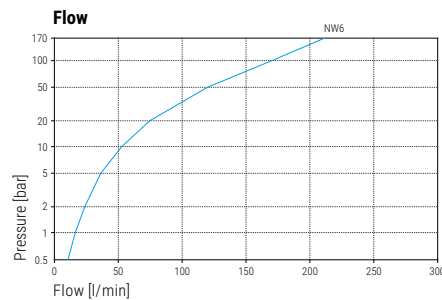
Pressure 170 bar (17 MPa)
Temperature 5°C - 120°C
RPM max. 2'000 rpm

Body DXF: brass, nickel plated
DXFI: stainless steel

Inner part Seal stainless steel
ceramic

Bearing 2x radial ball bearings
1x thrust ball bearing

Throughput medium pH 3 - 12
10 µm filtered
20 bar compressed air



DXF DXFI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
38.001	38.011	G1/4" F	G1/4" M	6	22	19	37	11	320g
38.003	38.013	G1/4" F	G3/8" M	6	22	19	38	12	330g
38.101	38.111	G3/8" F	G1/4" M	6	22	19	37	11	350g
38.103	38.113	G3/8" F	G3/8" M	6	22	19	38	12	360g

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
38.002	38.012	G1/4" F	G1/4" F	6	22	19	39	340g
38.004	38.014	G1/4" F	G3/8" F	6	22	22	41	350g
38.102	38.112	G3/8" F	G1/4" F	6	22	19	39	320g
38.104	38.114	G3/8" F	G3/8" F	6	22	22	41	340g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
38.201	M21x1.5 M	G1/4" M	6	19	19	37	11	12	330g
38.203	M21x1.5 M	G3/8" M	6	19	19	38	12	12	340g
38.251	M22x1.5 M	G1/4" M	6	20	19	37	11	12	340g
38.253	M22x1.5 M	G3/8" M	6	20	19	38	12	12	350g

DXF 90° DXFI 90°

Part No.	Part No.	G1 (F)	G2	NW	SW1	SW2	L1	L2	Weight
38.301	38.311	G1/4" F	G1/4" M	6	22	19	37	11	330g
38.303	38.313	G1/4" F	G3/8" M	6	22	19	38	12	340g

-	38.312	G1/4" F	G1/4" F	6	22	19	39	-	340g
-	38.314	G1/4" F	G3/8" F	6	22	19	41	-	350g

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
38.401	G3/8" F	G1/4" M	6	22	19	37	11	430g
38.403	G3/8" F	G3/8" M	6	22	19	38	12	440g

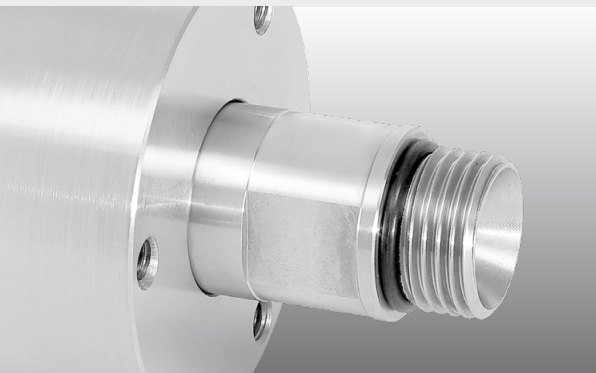
Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
38.503	M21x1.5 M	G3/8" M	6	22	19	38	12	12	430g
38.553	M22x1.5 M	G3/8" M	6	22	19	38	12	12	430g

36.901	Seal kit NW 6
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Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ **Quadruple bearing system**
- ✓ **Highest quality and precision**
- ✓ **Very low torque**
- ✓ **Maintenance free**
- ✓ **Side connection for weep capture**
- ✓ **Complete stainless steel construction**

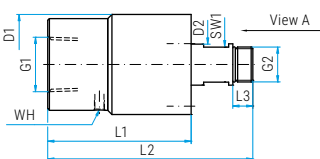
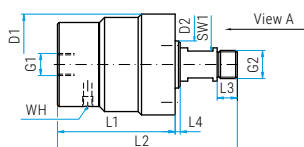
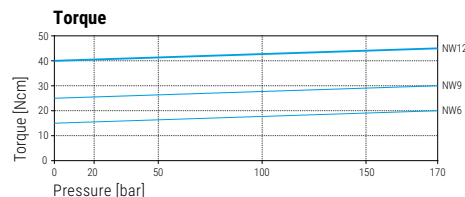
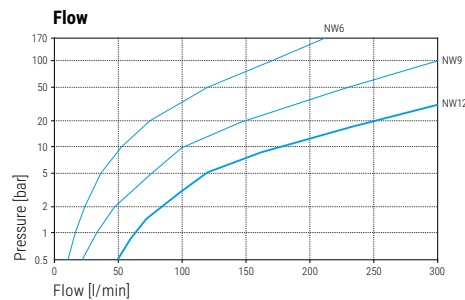


Application

High rpm, high pressure, self rotating applications, parts washers, tire cleaners, HP cleaning technology

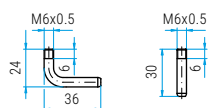
TECHNICAL DATA

Pressure	170 bar (17 MPa)
Temperature	120°C
RPM	max. 2'000 rpm
Body	stainless steel
Inner part	stainless steel
Seal	ceramic
Bearing	2x radial ball bearings 2x thrust ball bearings
Throughput medium	pH 3 - 12 10 µm filtered 20 bar compressed air



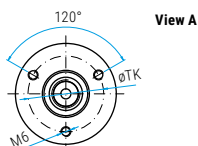
WH (weep hole)

Optional: Pipes for weep hole



Part No. 902.745

Part No. 902.765



DXTI

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	D1	D2	TK	Weight
39.003	G1/4" F	G3/8" M	6	16	70	107	12	60	28	45	1230g
39.103	G3/8" F	G3/8" M	6	16	72	109	12	60	28	45	1280g
39.603	G3/8" F	G3/8" M	9	16	72	109	12	60	28	45	1280g

DXTI

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	D1	D2	TK	Weight
39.805	G1/2" F	G1/2" M	12	21	86	123	12	60	25	50	1670g
39.906	G3/4" F	G1/2" M	12	21	86	123	12	60	25	50	1640g
39.908	G1" F	G1/2" M	12	21	86	123	12	60	25	50	1580g

36.901	Seal kit NW 6
36.914	Seal kit NW 9
36.915	Seal kit NW 12

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Triple bearing system
- ✓ Seal failure warning, through weep holes
- ✓ Stainless steel
- ✓ Maintenance free
- ✓ Carbide seals



Application

High pressure cleaning technology, parts washers, tire cleaners, high speed

TECHNICAL DATA

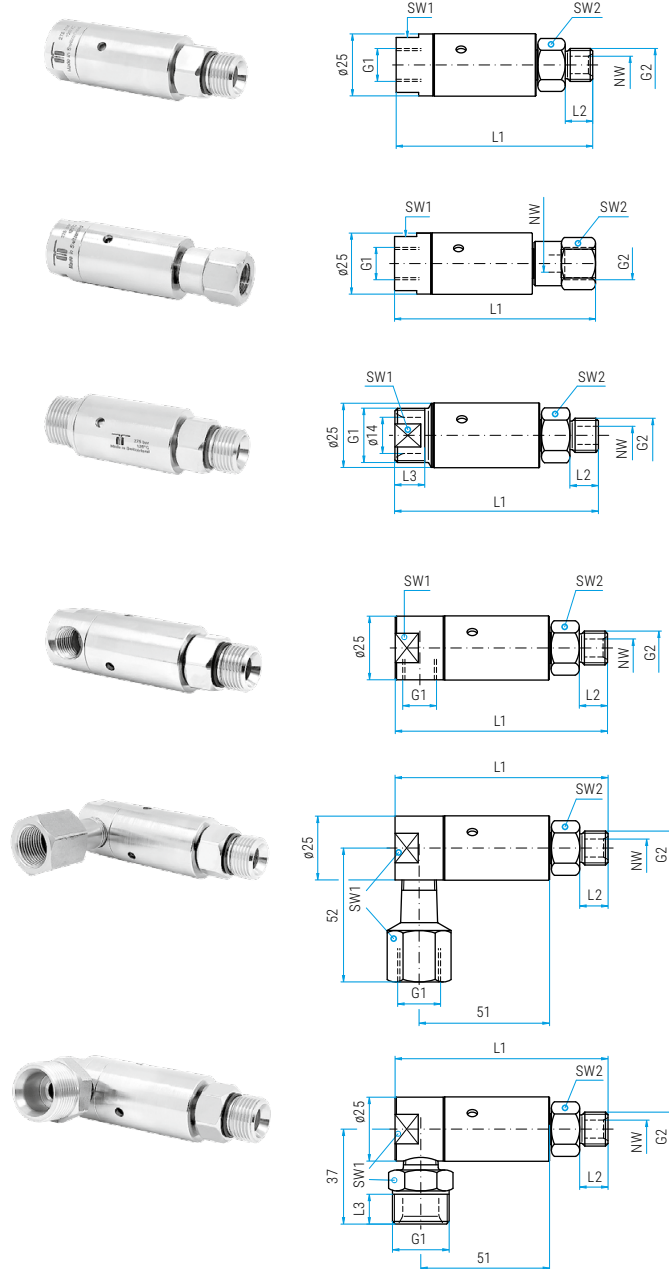
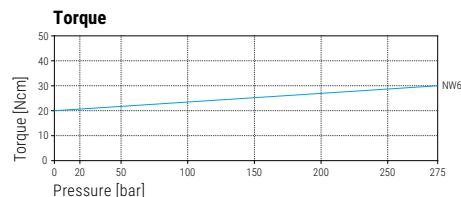
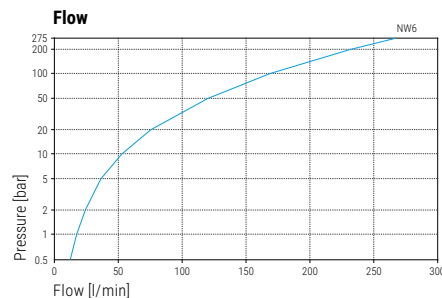
Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM max. 2'000 rpm

Body DYL: brass, nickel plated
 DYLI: stainless steel

Inner part stainless steel
Seal carbide

Bearing 2x radial ball bearings
 1x thrust ball bearing

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DYL DYLI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
56.001	56.011	G1/4" F	G1/4" M	6	22	19	79	11	210g
56.003	56.013	G1/4" F	G3/8" M	6	22	19	80	12	210g
56.101	56.111	G3/8" F	G1/4" M	6	22	19	79	11	210g
56.103	56.113	G3/8" F	G3/8" M	6	22	19	80	12	210g

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
56.002	56.012	G1/4" F	G1/4" F	6	22	19	82	230g
56.004	56.014	G1/4" F	G3/8" F	6	22	22	83	230g
56.102	56.112	G3/8" F	G1/4" F	6	22	19	82	230g
56.104	56.114	G3/8" F	G3/8" F	6	22	22	83	230g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
56.201	M21x1.5 M	G1/4" M	6	19	19	79	11	10	210g
56.203	M21x1.5 M	G3/8" M	6	19	19	80	12	10	210g
56.251	M22x1.5 M	G1/4" M	6	19	19	79	11	10	210g
56.253	M22x1.5 M	G3/8" M	6	19	19	80	12	10	210g

DYL 90° DYLI 90°

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
56.301	56.311	G1/4" F	G1/4" M	6	22	19	84	11	210g
56.303	56.313	G1/4" F	G3/8" M	6	22	19	85	12	210g

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
56.401	G3/8" F	G1/4" M	6	22	19	84	11	290g
56.403	G3/8" F	G3/8" M	6	22	19	85	12	300g

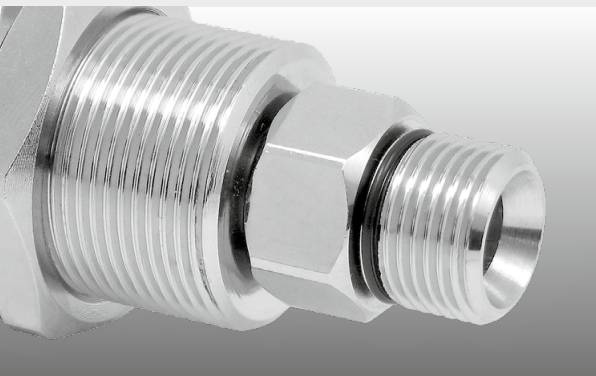
Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
56.503	M21x1.5 M	G3/8" M	6	22	19	85	12	12	290g
56.553	M22x1.5 M	G3/8" M	6	22	19	85	12	12	300g

36.905	Seal kit NW 6
36.906	Seal kit + adhesive

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free
- ✓ Carbide seals



Application

Surface cleaners, parts washers, tire cleaners, high pressure, self rotating applications

TECHNICAL DATA

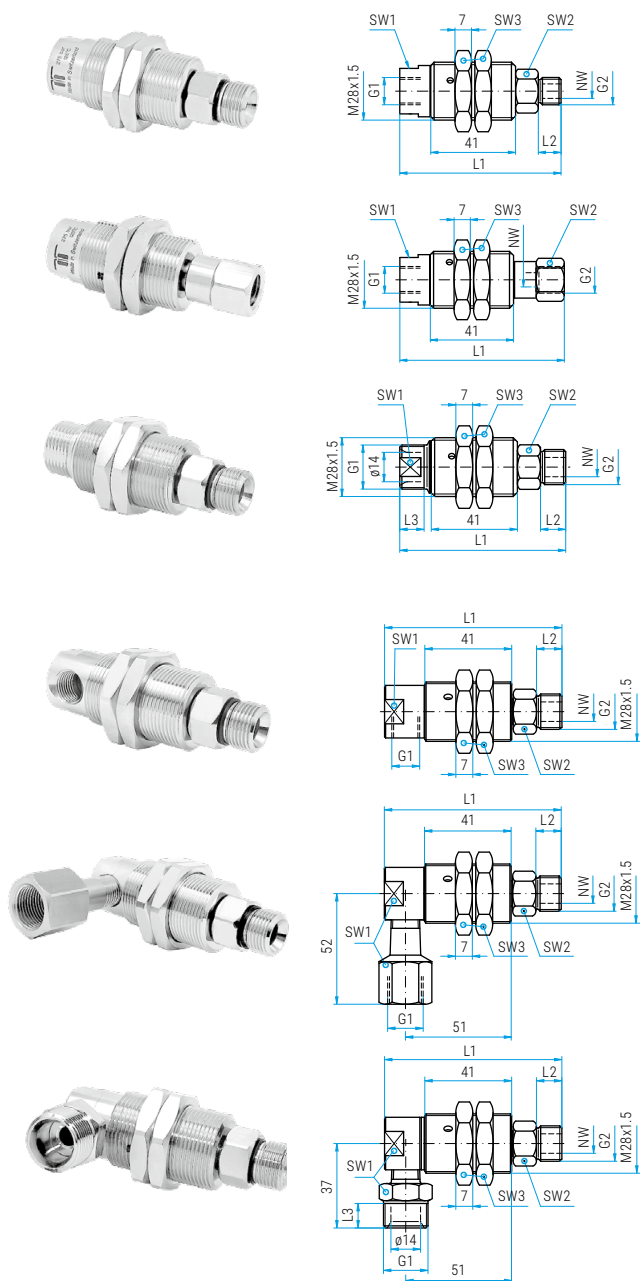
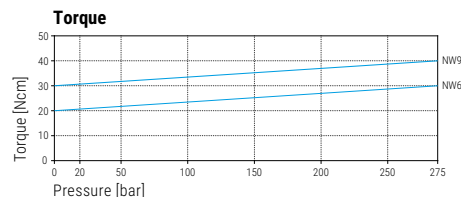
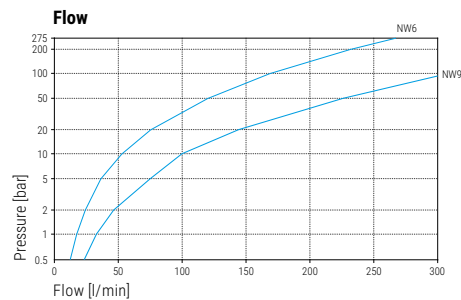
Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM max. 2'000 rpm

Body DYG: brass, nickel plated
 DYG: stainless steel

Inner part stainless steel
Seal carbide

Bearing 2x radial ball bearings
 1x thrust ball bearing

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DYG Part No.	DYGI Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
57.001	57.011	G1/4" F	G1/4" M	6	22	19	34*	79	11	290g
57.003	57.013	G1/4" F	G3/8" M	6	22	19	34*	80	12	300g
57.101	57.111	G3/8" F	G1/4" M	6	22	19	34*	79	11	280g
57.103	57.113	G3/8" F	G3/8" M	6	22	19	34*	80	12	290g
57.603	-	G3/8" F	G3/8" M	9	22	19	34	80	12	290g

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	SW3	L1	Weight
57.002	57.012	G1/4" F	G1/4" F	6	22	19	34*	82	230g
57.004	57.014	G1/4" F	G3/8" F	6	22	22	34*	83	240g
57.102	57.112	G3/8" F	G1/4" F	6	22	19	34*	82	220g
57.104	57.114	G3/8" F	G3/8" F	6	22	22	34*	83	230g

* at DYGI: 36mm

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	L3	Weight
57.201	M21x1.5 M	G1/4" M	6	19	19	34	79	11	12	270g
57.203	M21x1.5 M	G3/8" M	6	19	19	34	80	12	12	280g
57.251	M22x1.5 M	G1/4" M	6	20	19	34	79	11	12	270g
57.253	M22x1.5 M	G3/8" M	6	20	19	34	80	12	12	280g

DYG 90° Part No.	DYGI 90° Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
57.301	57.311	G1/4" F	G1/4" M	6	22	19	34*	84	11	300g
57.303	57.313	G1/4" F	G3/8" M	6	22	19	34*	85	12	310g

* at DYGI: 36mm

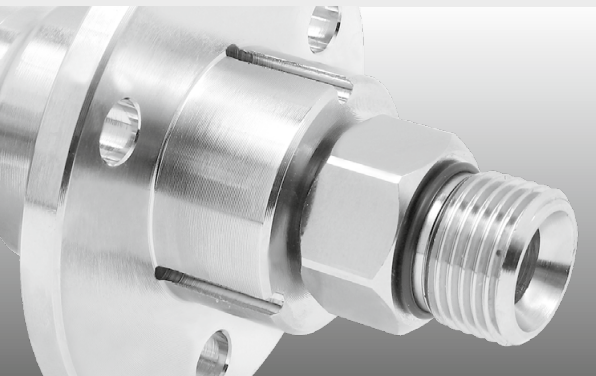
Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
57.401	G3/8" F	G1/4" M	6	22	19	34	84	11	380g
57.403	G3/8" F	G3/8" M	6	22	19	34	85	12	390g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	L3	Weight
57.503	M21x1.5 M	G3/8" M	6	22	19	34	85	12	12	390g
57.553	M22x1.5 M	G3/8" M	6	22	19	34	85	12	12	400g

36.905	Seal kit NW 6
36.906	Seal kit + adhesive
36.908	Seal kit NW 9

Legend
 M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Flange for easy installation
- ✓ Seal failure warning, through weep holes
- ✓ Maintenance free
- ✓ Carbide seal system



Application

Surface cleaners, parts washers, tire cleaners, high pressure, self rotating applications

TECHNICAL DATA

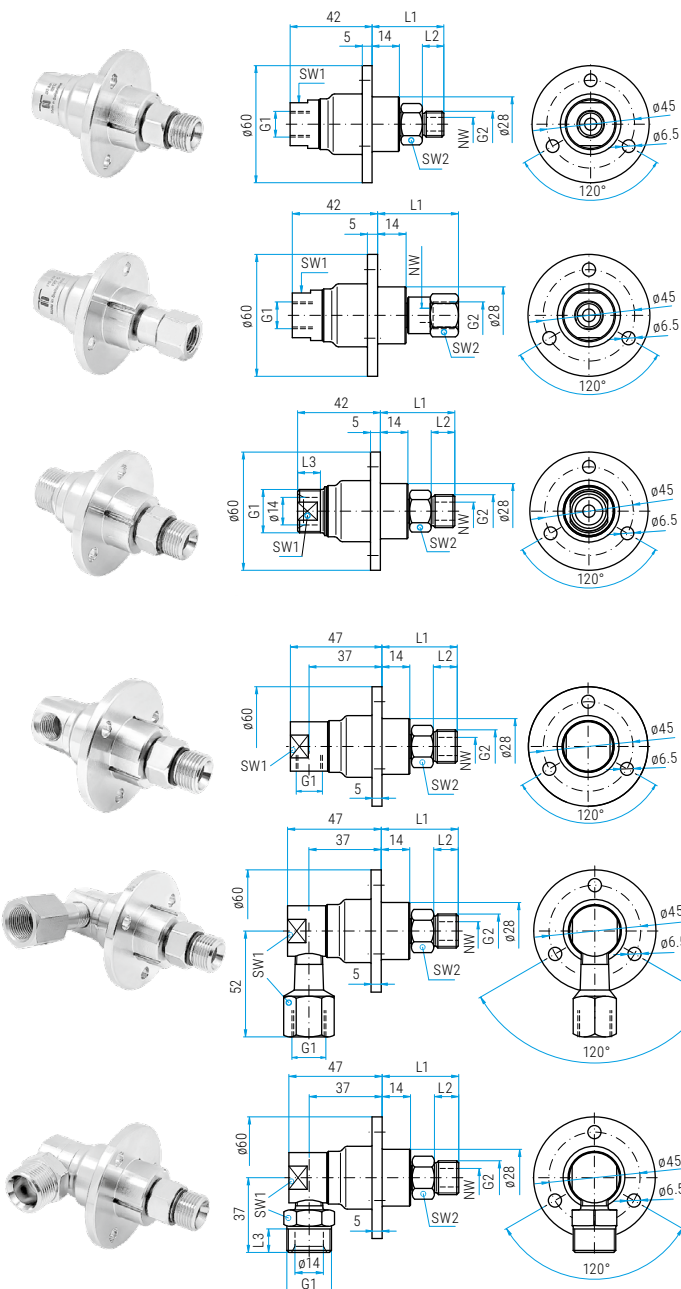
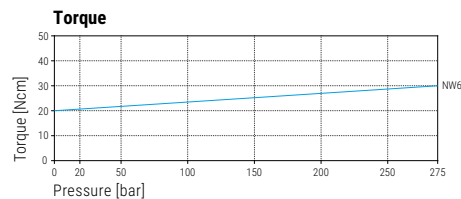
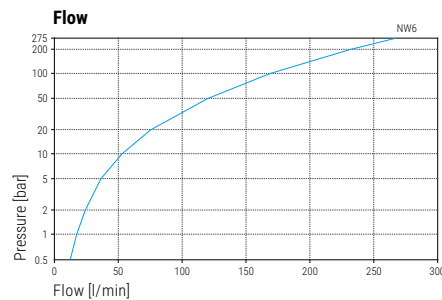
Pressure 275 bar (27.5 MPa)
Temperature 120°C
RPM max. 2'000 rpm

Body DYF: brass, nickel plated
 DYFI: stainless steel

Inner part Seal stainless steel
 carbide

Bearing 2x radial ball bearings
 1x thrust ball bearing

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DYF DYFI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
58.001	58.011	G1/4" F	G1/4" M	6	22	19	37	11	340g
58.003	58.013	G1/4" F	G3/8" M	6	22	19	38	12	390g
58.101	58.111	G3/8" F	G1/4" M	6	22	19	37	11	330g
58.103	58.113	G3/8" F	G3/8" M	6	22	19	38	12	380g

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
58.002	58.012	G1/4" F	G1/4" F	6	22	19	39	280g
58.004	58.014	G1/4" F	G3/8" F	6	22	22	41	290g
58.102	58.112	G3/8" F	G1/4" F	6	22	19	39	270g
58.104	58.114	G3/8" F	G3/8" F	6	22	22	41	280g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
58.201	M21x1.5 M	G1/4" M	6	19	19	37	11	12	320g
58.203	M21x1.5 M	G3/8" M	6	19	19	38	12	12	330g
58.251	M22x1.5 M	G1/4" M	6	20	19	37	11	12	320g
58.253	M22x1.5 M	G3/8" M	6	20	19	38	12	12	330g

DYF 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
58.301	G1/4" F	G1/4" M	6	22	19	37	11	350g
58.303	G1/4" F	G3/8" M	6	22	19	38	12	400g

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
58.401	G3/8" F	G1/4" M	6	22	19	37	11	450g
58.403	G3/8" F	G3/8" M	6	22	19	38	12	500g

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
58.503	M21x1.5 M	G3/8" M	6	22	19	38	12	12	450g
58.553	M22x1.5 M	G3/8" M	6	22	19	38	12	12	450g

36.905	Seal kit NW 6
36.906	Seal kit + adhesive

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Easy rotation under maximum pressure
- ✓ Flange for easy installation
- ✓ Sealed stainless steel bearings
- ✓ Maintenance free



Application

High rpm, high pressure, self rotating applications, wall cleaners, parts washers

TECHNICAL DATA

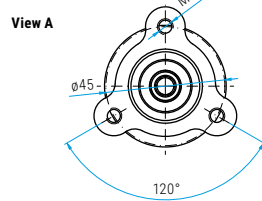
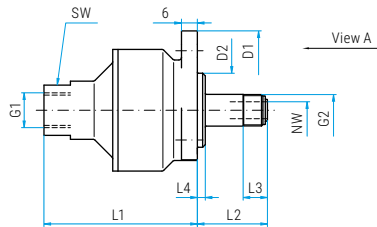
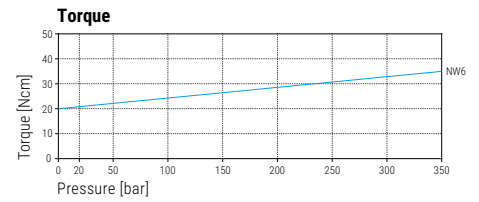
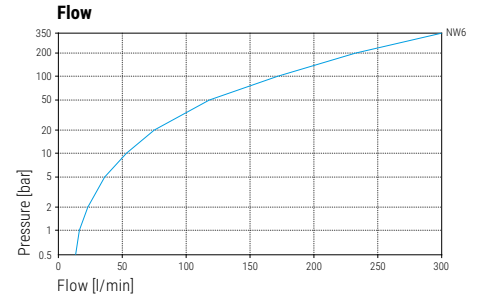
Pressure 350 bar (35 MPa)
Temperature 120°C
RPM max. 2'000 rpm

Body brass, nickel plated
stainless steel

Inner part stainless steel
Seal carbide

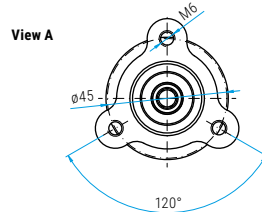
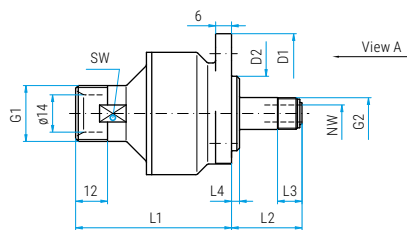
Bearing 2x radial ball bearings
1x thrust ball bearing

Throughput medium pH 3 - 12
10 µm filtered
20 bar compressed air



DYW

Part No.	G1 (F)	G2 (M)	NW	SW	L1	L2	L3	L4	D1	D2	Weight
55.020	G1/4" F	M12x1 M	6	22	58	26	9	3	60	28	460g
55.120	G3/8" F	M12x1 M	6	22	58	26	9	3	60	28	450g



DYW

Part No.	G1 (QV)	G2 (M)	NW	SW	L1	L2	L3	L4	D1	D2	Weight
55.220	M21x1.5 M	M12x1 M	6	19	58	26	9	3	60	28	440g
55.270	M22x1.5 M	M12x1 M	6	20	58	26	9	3	60	28	450g

36.905	Seal kit NW 6
36.906	Seal kit + adhesive

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Complete stainless steel construction
- ✓ Seal failure warning, through weep holes
- ✓ Sealed stainless steel bearings
- ✓ Carbide seal system

Application

High flow, high pressure, self rotating applications, surface cleaners, parts washers

TECHNICAL DATA

Pressure DYCI: 350 bar (35 MPa)
DYDI: 500 bar (50 MPa)

Temperature 120°C

RPM max. 2'000 rpm

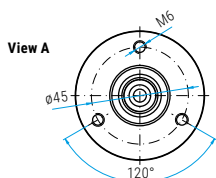
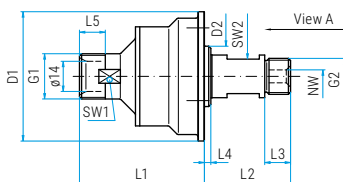
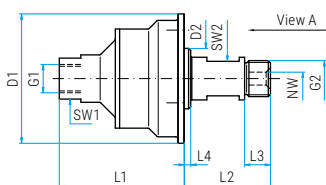
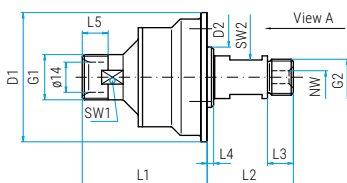
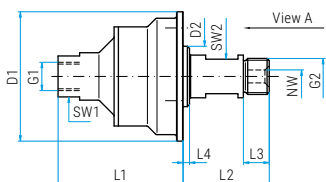
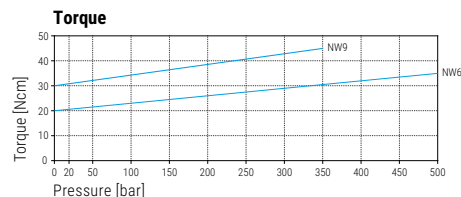
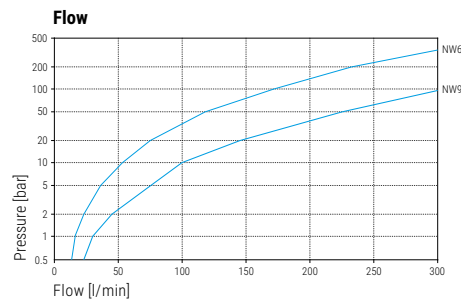
Body stainless steel

Inner part stainless steel

Seal carbide

Bearing 2x radial ball bearings
1x thrust ball bearing

Throughput medium pH 3 - 12
10 µm filtered
20 bar compressed air



DYCI

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	D1	D2	Weight
55.003	G1/4" F	G3/8" M	6	19	16	58	37	12	3	60	28	630g
55.103	G3/8" F	G3/8" M	6	22	16	58	37	12	3	60	28	620g
55.603	G3/8" F	G3/8" M	9	22	16	60	37	12	3	60	28	640g

DYCI

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	L5	D1	D2	Weight
55.203	M21x1.5 M	G3/8" M	6	19	16	58	37	12	3	12	60	28	620g
55.253	M22x1.5 M	G3/8" M	6	20	16	58	37	12	3	12	60	28	630g

DYDI (500 bar)

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	D1	D2	Weight
55.113	G3/8" F	G3/8" M	6	22	16	58	37	12	3	60	28	630g

DYDI (500 bar)

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	L5	D1	D2	Weight
55.263	M22x1.5 M	G3/8" M	6	20	16	58	37	12	3	12	60	28	620g

36.905	DYCI Seal kit NW 6
36.906	DYCI Seal kit NW 6 + adhesive
36.908	DYCI Seal kit NW 9
36.909	DYDI Seal kit NW 6 (500 bar)

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Quadruple bearing system
- ✓ Highest precision and quality
- ✓ Seal failure warning, through weep holes
- ✓ Sealed stainless steel bearings
- ✓ Carbide seals

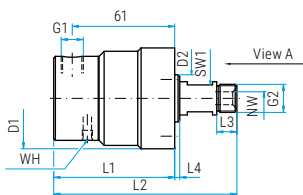
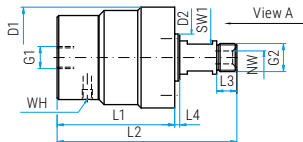
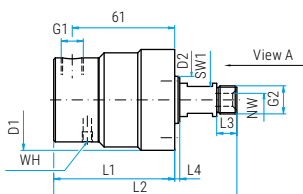
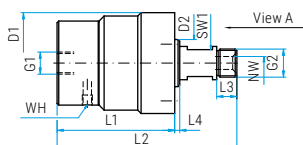
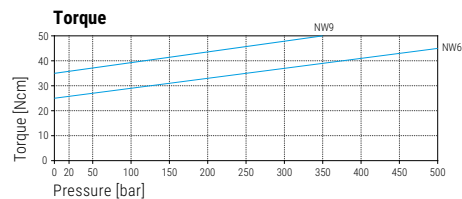
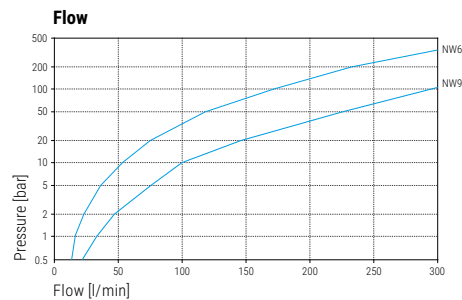


Application

High pressure/rpm, thrust and radial force, self rotating applications, surface cleaners, parts washers

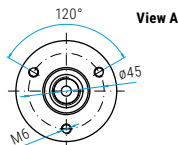
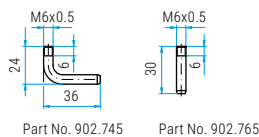
TECHNICAL DATA

Pressure	DYT: 350 bar (35 MPa) DYU: 500 bar (50 MPa)
Temperature	120°C
RPM	max. 2'000 rpm
Body	stainless steel
Inner part	stainless steel
Seal	carbide
Bearing	2x radial ball bearings 2x thrust ball bearings
Throughput medium	pH 3 - 12 10 µm filtered 20 bar compressed air



WH (weep hole)

Optional: Pipes for weep hole



DYT

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	D1	D2	Weight
59.001	G1/4" F	G1/4" M	6	16	70	107	10	3	60	28	1300g
59.003	G1/4" F	G3/8" M	6	16	70	107	12	3	60	28	1290g
59.101	G3/8" F	G1/4" M	6	16	72	109	10	3	60	28	1290g
59.103	G3/8" F	G3/8" M	6	16	72	109	12	3	60	28	1300g
59.603	G3/8" F	G3/8" M	9	16	72	109	12	3	60	28	1280g

DYT 90°

Part No.	G1	G2 (M)	NW	SW1	L1	L2	L3	L4	D1	D2	Weight
59.303	G1/4" F	G3/8" M	6	16	72	109	12	3	60	28	1300g
59.403	G3/8" F	G3/8" M	6	16	73	110	12	3	60	28	1300g
59.503	M21x1.5 M	G3/8" M	6	16	72	109	12	3	60	28	1350g
59.553	M22x1.5 M	G3/8" M	6	16	72	109	12	3	60	28	1350g

DYU (500 bar)

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	D1	D2	Weight
59.113	G3/8" F	G3/8" M	6	16	72	109	12	3	60	28	1300g

DYU 90° (500 bar)

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	D1	D2	Weight
59.413	G3/8" F	G3/8" M	6	16	73	110	12	3	60	28	1300g

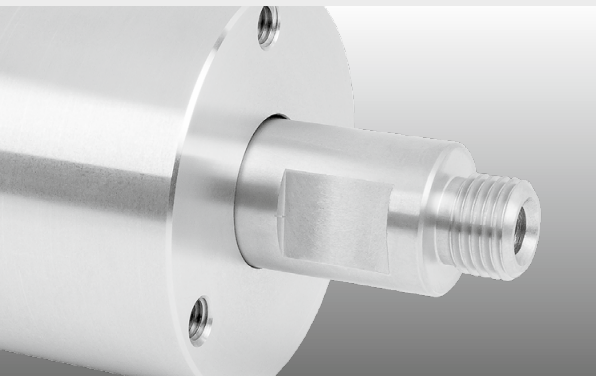
36.905	DYT Seal kit NW 6
36.906	DYT Seal kit NW 6 + adhesive
36.908	DYT Seal kit NW 9
36.909	DYU Seal kit NW 6 (500 bar)

59.911	DYT/DYU Bearing kit NW 6 + 9
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Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

- ✓ Saltwater resistant
- ✓ Quadruple bearing system
- ✓ Carbide seal system
- ✓ Stainless steel



Application

Underwater application (saltwater/freshwater), high rpm/pressure, thrust and radial forces

TECHNICAL DATA

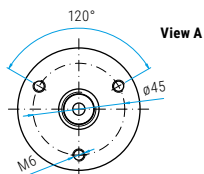
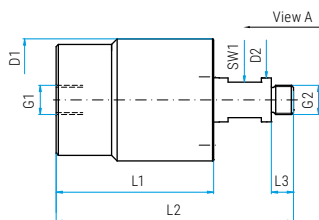
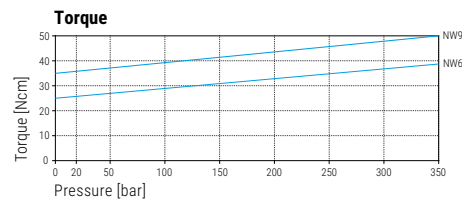
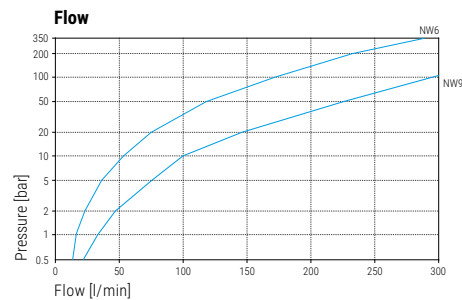
Pressure 350 bar (35 MPa)
Temperature 120°C
RPM max. 2'000 rpm

Body stainless steel

Inner part stainless steel
Seal ceramic

Bearing stainless steel
 2x radial ball bearings
 2x thrust ball bearings

Throughput medium pH 3 - 12
 10 µm filtered
 20 bar compressed air



DYKI

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	D1	D2	Weight
54.001	G1/4" F	G1/4" M	6	16	71	107	10	55	20	1150g
54.103	G3/8" F	G3/8" M	6	16	71	107	12	55	20	1150g
54.603	G3/8" F	G3/8" M	9	16	73	109	12	55	20	1160g

36.916	Seal kit NW 6
36.917	Seal kit NW 9

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

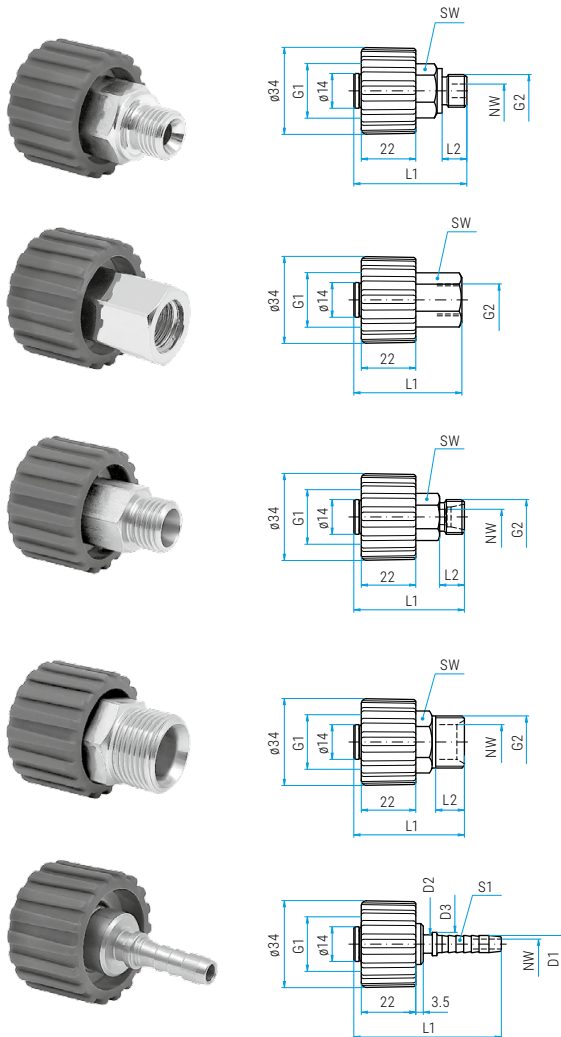
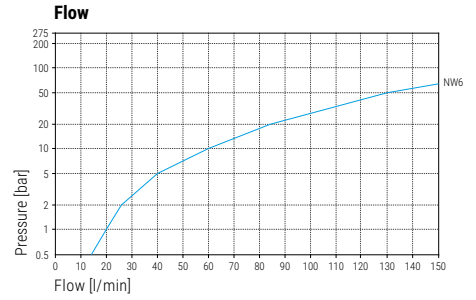
- ✓ Easily installed
- ✓ Light and solid
- ✓ Compact design

Application

High pressure cleaners, high pressure hose reels, quick coupling

TECHNICAL DATA

Pressure	250 bar (25 MPa) also available as 500 bar
Temperature	120°C
RPM	max. 30 rpm
Body	brass, nickel plated plastic
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Throughput medium	pH 3 - 12 10 µm filtered 20 bar compressed air



QVS

Part No.	G1 (QV)	G2 (M)	NW	SW	L1	L2	Weight	Color
50.101	M22x1.5 F	G1/4" M	6	19	46	10	90g	blue
50.103	M22x1.5 F	G3/8" M	6	19	47	11	100g	blue
50.160*	M22x1.5 F	G1/4" M	6	-	44	11	70g	black

* 500 bar

Part No.	G1 (QV)	G2 (F)	NW	SW	L1	Weight	Color
50.102	M22x1.5 F	G1/4" F	6	19	44	100g	blue
50.104	M22x1.5 F	G3/8" F	6	22	45	120g	blue
50.161*	M22x1.5 F	G1/4" F	6	-	27	50g	black

* 500 bar

Part No.	G1 (QV)	G2 (SV)	NW	SW	L1	L2	Weight	Color
50.105	M22x1.5 F	M14x1.5 M	6	17	45	10	80g	blue
50.106	M22x1.5 F	M16x1.5 M	6	17	45	10	90g	blue
50.107	M22x1.5 F	M18x1.5 M	6	19	43	11	90g	blue

Part No.	G1 (QV)	G2 (QV)	NW	SW	L1	L2	Weight	Color
50.108	M22x1.5 F	M21x1.5 M	6	22	45	12	110g	blue
50.109	M22x1.5 F	M22x1.5 M	6	22	45	12	130g	blue

Part No.	G1 (QV)	S1	NW	L1	D1	D2	D3	Weight	Color
50.131	M22x1.5 F	6 (1/4")	4	58	6.7	7.3	10	70g	blue
50.132	M22x1.5 F	8 (5/16")	5.8	60	8.4	9	11.5	70g	blue
50.133	M22x1.5 F	10 (3/8")	7	61	10	10.7	13.5	60g	blue

Other sizes (e.g. M21x1.5 F) or versions upon request.

Legend

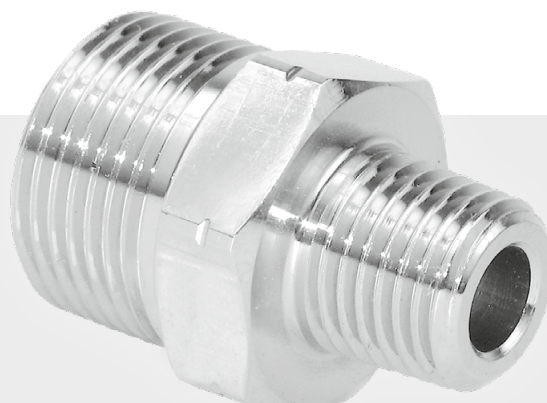
M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Brass, nickel plated or stainless steel
- ✓ Various thread configurations
- ✓ High precision

Different applications require different fitting types. Precision machined universal fitting to suite your application.



VER (275 bar / brass, nickel plated)

		male					female	
		G1/4" M	G3/8" M	M21x1.5	M22x1.5	3/8" NPTM	G1/4" F	G3/8" F
male	G1/4" M		52.004		52.221		52.011	
	G3/8" M	52.004	52.029	52.203	51.280		52.013	
	M21x1.5		52.203	52.208	52.209		52.202	52.204
	M22x1.5	52.221	51.280	52.209	52.229		52.222	52.224
female	G1/4" F	52.011	52.013	52.202	52.222		52.012	52.014
	G3/8" F			52.204	52.224		52.014	
Profile ring fittings	M14x1.5 M (08-L)			52.205	52.225			
	M16x1.5 M (10-L)			52.206	52.226			
	M18x1.5 M (12-L)			52.207	52.227			
NPT	1/4" NPTM			52.251	52.271	52.102	52.061	
	1/4" NPTF			52.252	52.272		52.062	
	3/8" NPTM			52.253	52.273	52.121	52.063	
	3/8" NPTF			52.254	52.274		52.064	

VER (500 bar / stainless steel)

		male						female	
		G1/4" M	G3/8" M	G1/2" M	M21x1.5	M22x1.5	3/8" NPTM	G1/4" F	G3/8" F
male	G1/4" M	51.001	51.004		51.277	51.275		51.011	51.005
	G3/8" M	51.004			51.279	51.280			
	G1/2" kM			904.645					
	M21x1.5	51.277	51.279						
	M22x1.5	51.275	51.280						51.224
female	G1/4" F	51.011							
	G3/8" F	51.005				51.224			51.022
Profile ring fittings	M14x1.5 M (08-L)	51.301						51.302	
	M16x1.5 M (10-L)	51.321						51.322	
	M18x1.5 M (12-L)	51.341	51.343				51.353	51.342	51.344
NPT	1/4" NPTM	51.103				51.278		51.061	
	1/4" NPTF								
	3/8" NPTM								
	3/8" NPTF	51.129							

Other versions or sizes upon request.

TECHNICAL DATA

Pressure 275 bar (27.5 MPa)
500 bar (50 MPa)

Body Brass nickel-plated or stainless steel

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, SV = profile ring fitting
D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size

Bracket with Bumpers, stainless steel, for WAE	Part No. 68.952	Weight 1.5kg	
Bracket with Bumpers, for LU	Part No. 60.319	Weight 2.9kg	
Break-away Fitting IN 3/8" NPTM, OUT 3/8" NPTF 400 bar, Brass	Part No. 52.903	Weight 0.1kg	
Brush 60mm Hogs hair	Part No. 29.011	Weight 0.3kg	
90mm Hogs hair	Part No. 29.065	Weight 0.3kg	
Brush body Stainless steel, incl. 2x M5x12 bolts, IN G1/4" F	Part No. 29.012	Weight 0.2kg	
Brush guard neutral, plastic, black	Part No. 29.013	Weight 0.1kg	
Brush head complete 60mm Hogs hair, with locking-bolt	Part No. 29.001	Weight 0.7kg	
60mm Hogs hair, with snap-lock feature	Part No. 29.006	Weight 0.8kg	
60mm Hogs hair, IN G1/4" F	Part No. 29.007	Weight 0.6kg	
90mm Hogs hair, IN G1/4" F	Part No. 29.064	Weight 0.6kg	
Brush holder Stainless, with locking-bolt	Part No. 29.014	Weight 0.2kg	
Brush holder for all sorts of brushes, wall mounted	Part No. 29.030	Weight 0.5kg	
Check Valve (~1 bar) with hard spring, opening pressure ~1 bar, closing pressure ~1.5 bar ø26, nominal width 6, 250 bar, 90° C	Part No.	Weight	
Brass, 62 mm, IN G1/4" F, OUT G1/4" F	90.004	0.2kg	
Brass, 75 mm, IN G1/4" F, OUT G3/8" F	90.005	0.2kg	
Brass, 62 mm, IN G3/8" F, OUT G1/4" F	90.006	0.2kg	
Brass, 75 mm, IN G3/8" F, OUT G3/8" F	90.007	0.2kg	
INOX, 62 mm, IN G1/4" F, OUT G1/4" F	90.041	0.2kg	
INOX, 75 mm, IN G1/4" F, OUT G3/8" F	90.042	0.2kg	
INOX, 62 mm, IN G3/8" F, OUT G1/4" F	90.043	0.2kg	
INOX, 75 mm, IN G3/8" F, OUT G3/8" F	90.044	0.2kg	

Check Valve (~0.1 bar) with soft spring, opening pressure ~0.1 bar, closing pressure ~0.15 bar ø26, nominal width 6, 250 bar, 90° C	Part No.	Weight	
Brass, 62 mm, IN G3/8" F, OUT G1/4" F	90.008	0.2kg	
Brass, 75 mm, IN G3/8" F, OUT G3/8" F	90.009	0.2kg	
Brass, 62 mm, IN G1/4" F, OUT G1/4" F	90.010	0.2kg	
Brass, 75 mm, IN G1/4" F, OUT G3/8" F	90.011	0.2kg	
INOX, 62 mm, IN G3/8" F, OUT G1/4" F	90.045	0.2kg	
INOX, 75 mm, IN G3/8" F, OUT G3/8" F	90.046	0.2kg	
INOX, 62 mm, IN G1/4" F, OUT G1/4" F	90.047	0.2kg	
INOX, 75 mm, IN G1/4" F, OUT G3/8" F	90.048	0.2kg	

Drop down Extension for DDP, stainless steel extended by 760mm	Part No. 902.293	Weight 16.2kg	
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Extension for Ceiling-Booms, stainless steel extends by 50mm	Part No. 902.753	Weight 2.2kg	
for Ceiling-Booms, stainless steel extends by 100mm	902.752	4.0kg	
for Ceiling-Booms, stainless steel extends by 200mm	901.875	6.6kg	
for Ceiling-Booms, stainless steel extends by 400mm	901.876	10.0kg	

Extension (1000mm) ø 40, 1x Pipe clamp included	Part No. 60.304	Weight 1.6kg	
ø 50, 1x Pipe clamp included	60.315	1.9kg	

Extension (600mm) ø 50, 1x Pipe clamp included	Part No. 60.321	Weight 1.6kg	
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Foam injector ø2.5, G1/4" F - G1/4" kM 6 bar 9 l/min, 100 bar 34 l/min	Part No. 29.020	Weight 0.05kg	
ø1.5, G1/4" F - G1/4" kM 6 bar 3 l/min, 100 bar 13 l/min	29.060	0.05kg	


Hand grip Poly hand grip - Ergonomically IN G1/4" M, OUT G1/4" F	Part No. 29.025	Weight 0.3kg	
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Hand grip replacement kit for Surface Cleaner ø200/300	Part No. 78.945	Weight 0.2kg	
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Handle with filter sieve, hard plastic	Part No.	Weight	
IN G1/4" M, OUT M12 x 1 F	29.801	0.3kg	
IN G3/8" M, OUT M12 x 1 F	29.802	0.3kg	
IN G1/4" M, OUT G1/4" F	29.803	0.3kg	
Replacement filter sieve	29.023	3g	


HP-Hose NW 6, standard car wash hose	Part No.	Weight	
3000mm, IN G1/4" F, OUT G1/4" F	90.019	1.1kg	
3700mm, IN G1/4" F, OUT G1/4" F	90.020	1.3kg	
3950mm, IN G1/4" F, OUT G1/4" F	90.021	1.4kg	
4200mm, IN G1/4" F, OUT G1/4" F	90.022	1.5kg	
4450mm, IN G1/4" F, OUT G1/4" F	90.023	1.5kg	
4700mm, IN G1/4" F, OUT G1/4" F	90.024	1.6kg	
4950mm, IN G1/4" F, OUT G1/4" F	90.025	1.7kg	
5200mm, IN G1/4" F, OUT G1/4" F	90.026	1.8kg	
5450mm, IN G1/4" F, OUT G1/4" F	90.027	1.9kg	
5700mm, IN G1/4" F, OUT G1/4" F	90.028	2.0kg	


Legend
 M.. = metric thrust, ...M = male, F = female, G = gas pipe thrust, QV = quick connects, SV = profile ring fitting
 D = diameter, k = conical, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position


HP-Hose Comfort NW 8 (3/8"), NW 6 (1/4", M14), lightweight construction, inner core PES	Part No.	Weight	
3500mm, IN G3/8" M, OUT G3/8" M	90.069	0.5kg	
4200mm, IN G3/8" M, OUT G3/8" M	90.059	0.6kg	
4700mm, IN G3/8" M, OUT G3/8" M	90.072	0.6kg	
3500mm, IN G3/8" F, OUT G3/8" F	90.078	0.5kg	
4200mm, IN G3/8" F, OUT G3/8" F	90.079	0.6kg	
4700mm, IN G3/8" F, OUT G3/8" F	90.080	0.6kg	
3500mm, IN G1/4" F, OUT G1/4" F	90.081	0.5kg	
4200mm, IN G1/4" F, OUT G1/4" F	90.082	0.6kg	
4700mm, IN G1/4" F, OUT G1/4" F	90.083	0.6kg	
3500mm, IN M14 F, OUT M14 F	90.084	0.5kg	
4200mm, IN M14 F, OUT M14 F	90.085	0.6kg	
4700mm, IN M14 F, OUT M14 F	90.086	0.6kg	


Mat holder for wall mounting, INOX, blue	Part No.	Weight	
	90.001	0.4kg	


Mounting Bracket for DKZ, stainless steel 1200/220/50mm (L/W/H)	Part No.	Weight	
for DKZ, stainless steel 1900/220/50mm (L/W/H)	65.903	13.9kg	
	65.988	21.0kg	


Nozzle guard plug on ø16 & G3/8" Other versions upon request.	Part No.	Weight	
for 1/8" NPT, SW13	29.002	0.01kg	
for 1/8" & 1/4" NPT	29.003	0.01kg	


Nozzle socket for locking-screw SW19 IN G1/4" F, OUT 1/8" NPTF	Part No.	Weight	
for locking-screw SW19 IN G1/4" F, OUT 1/4" NPTF	29.017	0.05kg	
for snap-lock SW19 IN G1/4" F, OUT 1/8" NPTF	29.018	0.1kg	
for snap-lock SW19 IN G1/4" F, OUT 1/4" NPTF	29.019	0.1kg	


Positioning Device with magnet, height adjustable	Part No.	Weight	
	65.911	0.7kg	


Protection plate for surface cleaner ø200	Part No.	Weight	
for surface cleaner ø300	902.922	0.2kg	
	900.066	0.6kg	


Pulley (pulling force up to 30N) ø 40, 2x Pipe clamp included	Part No.	Weight	
ø 50, 2x Pipe clamp included	60.307	0.8kg	
	60.320	0.8kg	


Stabilizer Housing 1/4" NPTM, 95mm	Part No.	Weight	
1/8" NPTM, 94mm	14.901	0.1kg	
	14.902	0.1kg	


Snap-lock feature Stainless, aluminium, G1/4" M	Part No.	Weight	
	29.015	0.2kg	


Swivel coupling ø 40, INOX, 1x Pipe clamp included	Part No.	Weight	
ø 50, INOX, 1x Pipe clamp included	60.308	0.4kg	
	60.323	0.5kg	


Three Way Valve for DP2, IN 2x G1/4" F, OUT G1/4" F	Part No.	Weight	
	90.064	0.6kg	

TYR Hook stabilize your duct cleaner	Part No.	Weight	
	81.905	0.1kg	

TYR Mobile (adjustable) for ø150-300 pipe	Part No.	Weight	
for ø300-500 pipe	81.911	4.1kg	
for ø500-600 pipe	81.902	4.3kg	
	81.903	7.0kg	

Wall bracket universal for Ceiling-Booms, stainless steel	Part No.	Weight	
	65.940	3.0kg	

Weep System Closure pressure ~10-20 bar flow rate ~0.9 l/min. at 4 bar	Part No.	Weight	
ø 10, 6 bar 9 l/min., 100 bar 34 l/min.	29.031	0.1kg	
ø 8, 6 bar 3 l/min., 100 bar 13 l/min.	29.032	0.1kg	

90° Pipe ø 40, 1x Pipe clamp included	Part No.	Weight	
ø 50, 1x Pipe clamp included	60.305	0.4kg	
	60.314	0.4kg	

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Ladies & Gentlemen

Thank you very much for your interest in our products. Please fill out this form and email or fax to your Mosmatic contact and we will process your inquiry promptly.

1 CUSTOMER NUMBER

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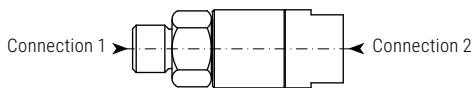
Please enter your customer number for each inquiry.

New customer / Neukunde

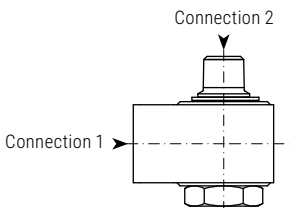
3 STYLE

Rotating Unions are differentiated in terms of Style in axial and angular rotary feedthroughs. Please check the appropriate box.

Inline Version



90 ° version



4 ATTACHMENT

Please check the appropriate box connection version.

- Flange connection
- Flange thread
- Bulkhead fitting
- not relevant

Specials

6 SKETCH

2 CONTACT DETAILS

Company

Street and No.

Postal code and City

Phone and Fax (in case of questions)

Contact person

Email

Date and Signature

5 OPERATING CONDITIONS

Application

Connections

Pressure (max. bar)

RPM (max. RPM)

Flow (l/min)

Medium

Fluid temperature (°C)

Loads: Side or axial

Operating time (hours/day)

Operating cycles

By multi-way rotary unions amount of Channels

Other factors or special features in the application

Max. dimensions (L x W x H)

Installation environment

Mounting position

Requested quantity

Drive

Price Range (approx. value)

1. General

- 1.1 These General Terms and Conditions of Sale and Supply affect all goods and services sold and supplied by us. Any contrary terms laid down by the purchaser shall not be binding on us even if they have been identified as the basis for the purchaser's order.
- 1.2 Subordinate agreements, as well as changes and additions to the contract and to these General Terms and Conditions, shall only be valid if confirmed by us in writing.

2. Quotations, offers, and estimates

- 2.1 No offers made by us shall be regarded as binding.
- 2.2 We reserve the right to improve or modify the design or construction of our goods.

3. Prices

- 3.1 Our prices are given in Swiss Francs (CHF) and EURO (€), without packaging, ex-works Necker. All transport costs shall be charged to the purchaser.
- 3.2 We do not accept any deductions or charges relating to the disposal of packaging material. The purchaser shall bear any disposal costs that may arise.
- 3.3 All deliveries, including part-consignments, for which a delivery date is agreed that is more than three months later than the date of the order confirmation, shall be made at the selling price in force on the day of delivery.

4. Delivery periods

- 4.1 If a delivery period (as opposed to a delivery date) has been stated, it shall be deemed to start on the date of the written confirmation of order or alternatively the date of receipt of order if it confirms our offer without alteration. Any delivery period shall be prolonged accordingly if data or documentation does not reach us on time, if they are altered retroactively by the purchaser with our assent, or if any instalment payment arrives later than agreed.
- 4.2 If any failure to adhere to a delivery period is not exclusively our fault, the purchaser shall not thereby derive any right to cancel the contract, to refuse delivery, or to sue for damages.
- 4.3 Any Act of God or case of force majeure shall release us from our obligation to supply, without the purchaser deriving any further claim there from.
- 4.4 The entirety of all goods delivered shall remain the property of Mosmatic AG until the purchase price has been paid in full. The purchaser hereby expressly declares his consent to the appropriate entry in the „Register of Retained Title“.

5. Acceptance of goods by the recipient

- 5.1 The purchaser shall assume all risks at the moment the goods are handed over to the railway or postal authorities or collected from the Necker works by any party (e.g. freight forwarding agent or haulier) acting with his authority. If acceptance is delayed or made impossible for any reason beyond our control, we shall be entitled to store the goods, at the purchaser's risk and expense, on our premises or a third party's, and shall be deemed to have thereby fulfilled our obligations.

6. Payment

- 6.1 All invoices shall be due for payment within 30 days of the invoice date.
- 6.2 Payment shall be made only in the currency agreed. Cheques will be accepted by way of payment but shall not be regarded as settlement until they have been cleared.
- 6.3 There shall be no right of off-set against counter-claims unless the counter-claim is undisputed or has been acknowledged by a Court as final and absolute.
- 6.4 If a number of claims to payment are outstanding, we shall be entitled to determine which claim has been settled by any payments the purchaser makes.
- 6.5 As soon as the normal payment period has expired, and even if no payment reminder has been sent, interest shall be due on the arrears at the rate customary in the trade but at least 4 percentage points above the Discount Rate of the Swiss National Bank in force at the material time.
- 6.6 It shall only be permitted to withhold or reduce payments on account of complaints if we have given our consent.
- 6.7 Small orders below CHF 200.- (€ 150.-) shall be subject to a minimum invoice amount of CHF 20.- (€ 20.-)

7. Guarantee

- 7.1 We grant a guarantee on new products against all defects for which we are responsible covering a period of 12 months from the date of delivery. This guarantee does not cover parts (such as seals, ball bearings etc.) that are subject to normal wear and tear. The guarantee shall become null and void if any repairs are carried out improperly by the purchaser himself or any third party. We shall be free to select, at our own discretion, whether to replace items free of charge or to grant an appropriate reduction in the price. No claims whatever from the purchaser shall be entertained which go beyond the aforesaid, and claims for damages or nullification of the contract are expressly ruled out, regardless of the legal grounds on which they may be raised, which result from the installation of the goods supplied. The guarantee period shall start on the date of delivery, which is noted on the invoice.

- 7.2 Any defects in the goods shall be notified to us in writing at once, or in the case of visible defects within one week of their becoming apparent. No guarantee claims can be entertained if this requirement is not adhered to.

- 7.3 No returns will be accepted without prior authorization from a Mosmatic AG representative. All returns are subject to inspection. Returns must be sent pre-paid freight to Mosmatic AG, Oberhelfenschwilerstrasse 6, CH-9126 Necker, Switzerland. All returns must be accompanied by a RMA form (Return Material Authorisation) which clearly shows the RMA number and the customer ID number. The RMA form can be obtained from Mosmatic AG in writing or by calling our customer service number. RMA numbers are valid for 30 days only. If the merchandise is not returned within the 30-day period, the number becomes invalid and a new RMA number must be obtained. Supplying a RMA number does not acknowledge a warranty claim or manufactures defect. Mosmatic AG shall not under any circumstances be liable for losses or shipping damages of returned goods. Unused products arriving in resalable condition, including original packaging and manuals, are not subject to restocking fees. All other unused products or none stock items are subject to a 15% restocking fee.

8. Liability

- 8.1 Unless something else arises from the following, no further claims from the purchaser, irrespective of legal grounds they may be based on, are accepted by us.
- 8.2 Our liability for any claim for loss, damage or personal injury arising out of a contract shall be limited to the compensation of our product liability insurance.

9. Place of execution and jurisdiction, choice of law

- 9.1 The place of execution for purchaser and vendor shall be Necker, Canton of St Gallen, Switzerland.
- 9.2 In the event of any disputes relating to the validity of the contract or of these General Terms, the place of jurisdiction shall be Oberhelfenschwil, Switzerland.
- 9.3 These General Terms shall be subject to Swiss law exclusively. The German text shall be exclusively effective, this translation having been prepared for convenience only.

General Information

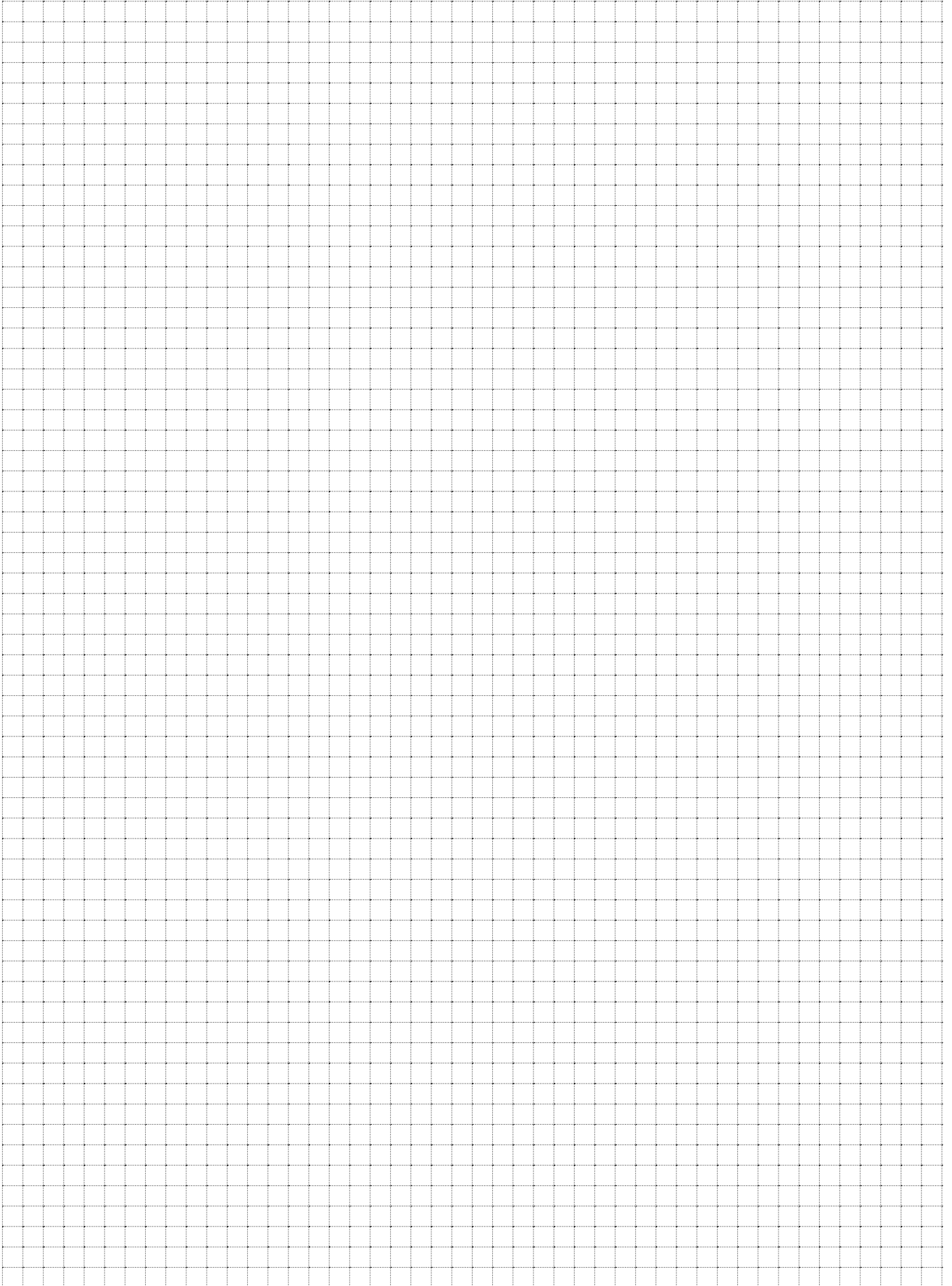
- With the publication of this catalogue, all previous catalogues and publications are no longer valid.
- We reserve the right to make technical modifications at any time without prior notification.
- For any special versions, manufactured to individual customer requirements, we decline any responsibility for their subsequent use and effects in operation.
- Validation of data and measurements exclude printing and typing errors.
- The details we provide are recommendations only, which we give to the best of our knowledge. Written confirmation of precise details can be obtained upon request.
- Mosmatic sells through a network of authorized dealers and representatives only.

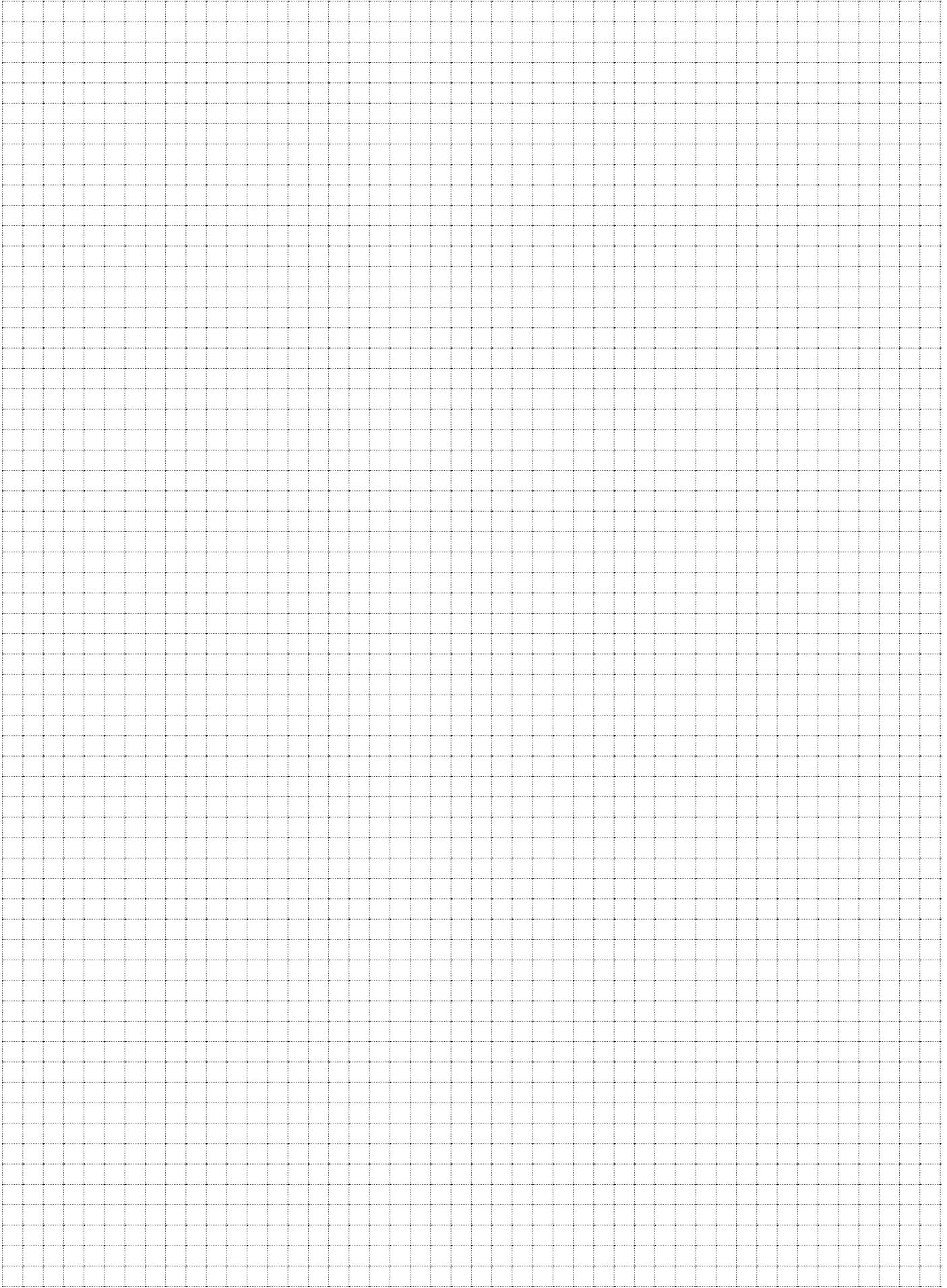
Use of your personal information

- We never sell or rent any of the information you provide us with to third parties.
- We use the information we collect for various purposes, including:
 - to complete your purchase transaction
 - to provide the services you requested
 - to send you our catalogues and offerings
 - to send you specials and updates per email
 - to contact you about the status of your order
- When you make a credit card transaction we collect your name, your billing address for the card, the card type, number and expiration date. We also collect information that allows us to ship your order, i.e. name, address and phone number of the intended recipient(s).

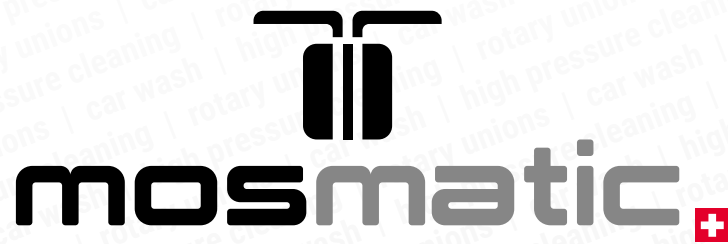
For your safety

- For your own safety always use protection gear like safety glasses, gloves etc. when using our products connected to high pressure.
- Safety regulations and guidelines (Accident prevention rules) from the manufacturer of high pressure equipment are applicable when using our products.
- Nozzle installation according to nozzle manufacturer.
- Mosmatic products should only be installed by experienced users of high pressure equipment. The responsibility for the safe and effective use of Mosmatic products rest with the user.





Online-Media



mosmatic.com



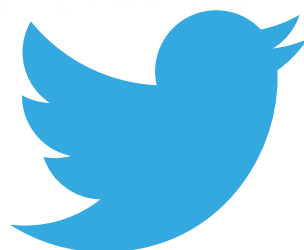
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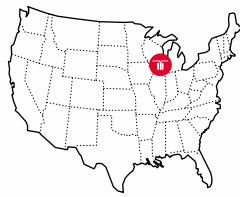


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